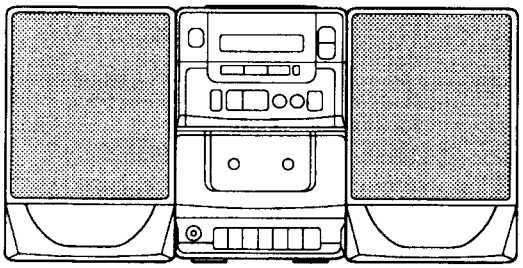
aiwa

aiwa SERVICE

LCX-100

SERVICE MANUAL



COMPACT DISC STEREO SYSTEM

- BASIC CD MECHANISM: KSM-2101BDM
- BASIC TAPE MECHANISM: TN-21ZSC-1653

•TYPE: EZG, EZL

● This Service Manual contains information about the difference between LCX-100 (TYPE:EZB).
If requiring the other information, see Service Manual of the LCX-100(TYPE:EZ).
(S/M Code No. 09-966-145-10T)

S/M Code No. 09-96A-174-30T

ALTERATION LIST

MECHANICAL PARTS LIST 1/1

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
2	S1-033-440-401		PANEL,FRONT
3	S1-033-430-301		CASS,WINDOW
4	S1-033-400-302		DOOR,CASS<EZG>
4	S1-033-400-402		DOOR,CASS<EZL>
7	S1-033-370-401		CAB,FRONT<EZG>
7	S1-033-370-501		CAB,FRONT<EZL>
9	S1-033-490-102		BTN,EQ<EZL>
9	S1-033-490-402		BTN,EQ<EZG>
10	S1-033-510-402		BTN,VOL<EZL>
10	S1-033-510-302		BTN,VOL<EZG>
12	S1-035-620-401		KEY,F.F<EZL>
12	S1-035-620-301		KEY,F.F<EZG>
12	S1-035-650-301		KEY,PAUSE<EZG>
12	S1-035-650-401		KEY,PAUSE<EZL>
12	S1-035-610-301		KEY,PLAY<EZG>
12	S1-035-610-401		KEY,PLAY<EZL>
12	S1-033-480-301		KEY,REC<EZG>
12	S1-033-480-401		KEY,REC<EZL>
12	S1-035-630-401		KEY,REV<EZL>
12	S1-035-630-301		KEY,REV<EZG>
12	S1-035-640-301		KEY,STOP<EZG>
12	S1-035-640-401		KEY,STOP<EZL>
13	S1-033-580-301		CD,WINDOW
14	S1-033-420-401		DOOR,CD<EZL>
14	S1-033-420-301		DOOR,CD<EZG>
16	S1-033-570-102		BRKT,DOOR CD
19	S1-033-410-402		CD,CHAS<EZL>
19	S1-033-410-302		CHAS,CD<EZG>
23	S2-010-920-102		SPR,DOOR CD
27	S1-033-380-402		CAB,REAR<EZL>
27	S1-033-380-302		CAB,REAR<EZG>
33	S1-033-390-401		DISPLAY WINDOW
34	S1-033-520-401		BTN,CD
35	S8-013-420-000		SW,LEAF LSA-1120Y

サービス技術ニュース	
番 号	連絡内容
G一 一	
G一 一	
G一 一	

アイワ株式会社
AIWA CO.,LTD.

〒110 東京都台東区池之端1－2－11 ☎03(3827)3111 (代表)

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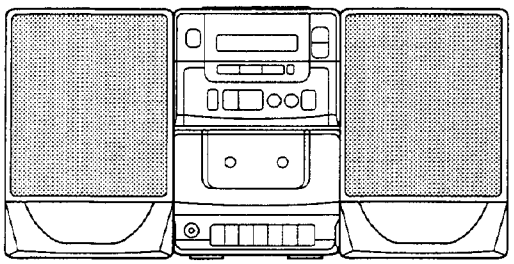
LCX-100



COMPACT DISC STEREO SYSTEM

- BASIC CD MECHANISM: KSM-2101BDM
- BASIC TAPE MECHANISM: TN-21ZSC-1653

•TYPE: U,LH,K,EEZ,EZ,HE.HR

SERVICE MANUAL

S/M Code No. 09-966-145-10T

TABLE OF CONTENTS

SPECIFICATIONS

Main unit

<FM tuner section>

Tuning range 87.5 MHz to 108 MHz
Antenna Wire antenna

<MW (AM) tuner section>

Tuning range
HE, HR: 531 kHz to 1602 kHz (9 kHz step)
530 kHz to 1600 kHz (10 kHz step)
LH, U: 530 kHz to 1710 kHz (10 kHz step)
531 kHz to 1602 kHz (9 kHz step)
K, EZ, EEZ: 522 kHz to 1611 kHz (9 kHz step)
530 kHz to 1600 kHz (10 kHz step)
Antenna Loop antenna

<SW tuner section> HE, HR, LH

Tuning range 3.8 MHz to 12.5 MHz (5 kHz step)
Antenna Wire antenna

<LW tuner section> K, EZ, EEZ

Tuning range 144 kHz to 290 kHz
Antenna Loop antenna

<Amplifier section>

Power output
LH, HE:
5 W+5 W (4 ohms, T.H.D. 10%)
HR:
Rated 3.5 W+3.5 W (4 ohms, T.H.D. 1%)
Reference 5 W+5 W (4 ohms, T.H.D. 10%)
U:
5 W+5 W (1 kHz, T.H.D. 10%, 4 ohms)
3.2 W+3.2 W (100-15 kHz, T.H.D. less than 1%, 4 ohms)
K, EZ, EEZ:
Rated 3.2 W+3.2 W (4 ohms, T.H.D. 1%, 1 kHz/DIN 45500)
Reference 5 W+5 W (4 ohms, T.H.D. 10%, 1 kHz/DIN 45324)
DIN MUSIC POWER 8 W+8 W (1%)

<Cassette deck section>

Track format 4 tracks, 2 channels stereo
Frequency response Normal tape: 50 Hz-12500 Hz (EIAJ)
Recording system AC bias
Erasure system Magnet erase
Heads Recording/playback head×1
Erasure head×1

<Compact disc player section>

Laser Semiconductor laser (λ=780 nm)
D/A converter 1-bit dual
Wow and flutter Unmeasurable

SPEAKER SYSTEM
Speaker 100 mm (4 in.) cone type
Impedance 4 ohms
Dimensions (W × H × D)
HE, HR, LH, K, EZ, EEZ:
150 × 233 × 203 mm (6 × 9 1/4 × 8 in.)
U:
150 × 230 × 220 mm (6 × 9 1/8 × 8 3/4 in.)
Weight
HE, HR, LH, K, EZ, EEZ:
2.3 kg (5 lbs 1 oz.)
U:
2.8 kg (6 lbs 3 oz.)

GENERAL

HE, HR, LH:

Power requirements 110-120 V/220-240 V AC, switchable 50/60 Hz
Power consumption 26 W
Dimensions of main unit (W × H × D) 160 × 233 × 203 mm (6 3/8 × 9 1/4 × 8 in.)
Weight of main unit 2.7 kg (5 lbs 15 oz.)

U:

Power requirements 120 V AC, 60 Hz
Power consumption 22 W
Dimensions of main unit (W × H × D) 140 × 235.5 × 283.6 mm (5 5/8 × 9 3/8 × 11 1/4 in.)
Weight of main unit 2.85 kg (6 lbs 4 oz.)

K, EZ, EEZ:

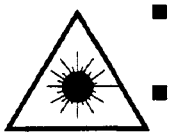
Power requirements 230 V AC, 50 Hz
Power consumption 30 W
Dimensions of main unit (W × H × D) 160 × 233 × 203 mm (6 3/8 × 9 1/4 × 8 in.)
Weight of main unit 2.7 kg (5 lbs 15 oz.)

- Design and specifications are subject to change without notice.

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING

This set employs laser. Therefore, be sure to follow carefully the instructions below when servicing.

WARNING!
WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION. BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 30cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICK-UP BLOCK.



- Caution: Invisible laser radiation when open and interlocks defeated avoid expo-sure to beam.
- Advarsel: Usynlig laserståling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

VAROITUS!
Laiteen Käyttäminen muulla kuin tässä käyttöohjeessa mainit-ulla tavalla saattaa altistaa käyt-täjän turvallisuusluokan 1 ylit-tävälle näkymättömälle lasersäteilylle.

VARNING!
Om apparaten används på annat sätt än vad som specificeras i denna bruksanvising, kan användaren utsättas för osynling laserstrålning, som överskrider gränsen för laserklass 1.

CAUTION
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radi-ation exposure.

ATTENTION
L'utilisation de commandes, réglages ou procédures autres que ceux spécifiés peut entraîner une dangereuse exposition aux radiations.

ADVARSEL!
Usynlig laserståling ved åbning, når sikkerhedsafbrydereer ude af funktion. Undgå udsættelse for stråling.

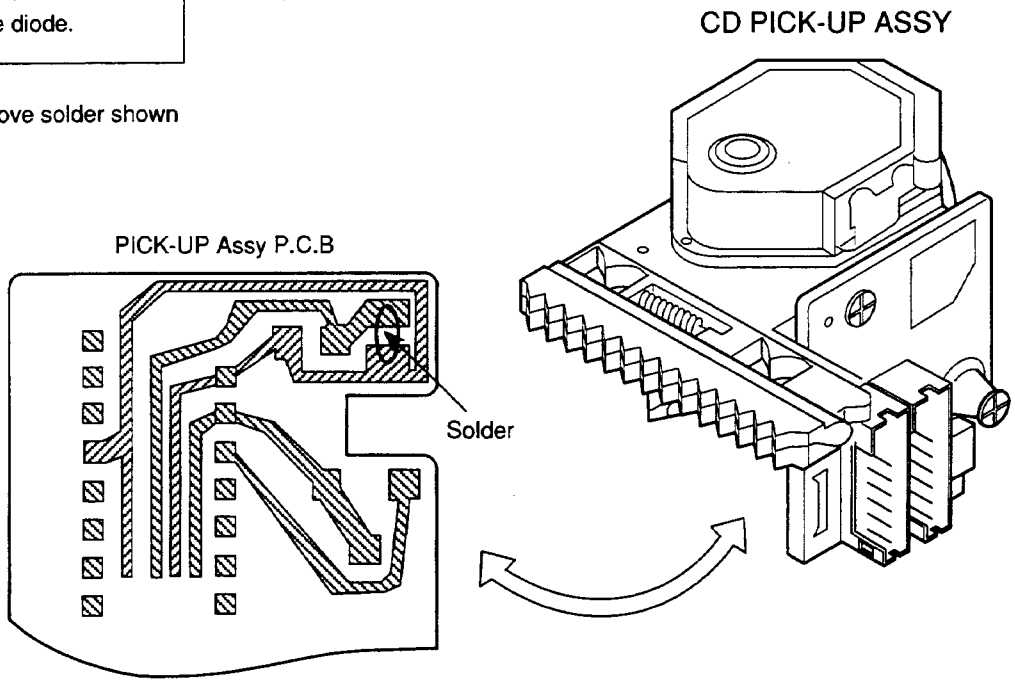
This Compact Disc player is classified as a CLASS 1 LASER product.
The CLASS 1 LASER PRODUCT label is located on the rear exterior.

CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LUOKAN 1	LASER LAITE
KLASS 1	LASER APPARAT

Precaution to replace Optical block (KSS-210B)

Body or clothes electrostatic potential could ruin laser diode in the optical block. Be sure ground body and workbench, and use care the clothes do not touch the diode.

1) After the connection, remove solder shown in the right figure.



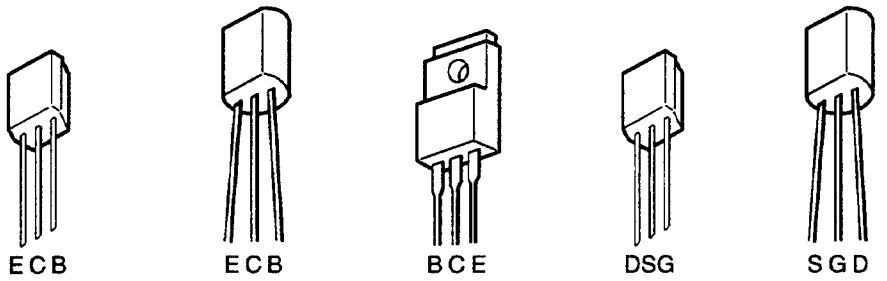
ELECTRICAL MAIN PARTS LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
IC			
	87-017-680-010		IC,TA8176SN
	87-017-882-010		IC,LA1831<EXCEPT U>
	87-002-268-010		IC,LA1851N<U>
	87-001-376-010		IC,LC7218
	87-070-134-010		IC,TA2065F
	87-070-336-010		IC,TC9284BF
	87-017-801-080		IC,TA2058F
	87-001-536-010		IC,NJM78M05FA
	87-017-804-010		IC,BU4052BC
	87-017-787-010		IC,M62412P
	87-017-564-010		IC,LC7533
	87-017-982-010		IC,BA5412
	87-070-083-010		IC,GP1U281X
	86-CL9-601-010		IC,TMP47C1220F-N641
	87-027-761-010		IC,AN7310N
TRANSISTOR			
	S2-2SC-192-306		TR,2SC19230
	87-026-288-010		TR,DTA143XS<EXCEPT U>
	87-026-287-010		TR,DTC143ES<U>
	89-501-615-010		TR,2SK161Y
	87-026-219-080		TR,DTA144ES<EXCEPT U>
	S2-2SK-246-Y60		TR,2SK246Y
	89-318-154-080		TR,2SC1815GR
	87-026-486-080		TR,DTA144TS<EXCEPT U>
	87-026-291-080		TR,DTC124XS
	87-026-214-010		TR,DTA114YS<U>
	87-026-286-010		TR,DTA143ES<U>
	87-026-462-080		TR,2SC1740S
	S2-2SB-101-0Q7		TR,2SB1010Q
	89-110-155-010		TR,2SA1015GR
	89-320-011-280		TR,2SC2001K
	89-322-405-080		TR,2SC2240GR
	89-414-683-080		TR,2SD1468R
	87-026-463-080		TR,2SA933S-S
	89-210-154-010		TR,2SB1015Y
	89-113-187-080		TR,2SA1318TU
	87-026-464-080		TR,DTC114TS
	S2-805-0C1-000		TR,8050C
	87-026-290-080		TR,DTA124XS
DIODE			
	87-020-465-010		DIODE,1SS133
	87-070-136-080		ZENER,MTZJ5.1B<EXCEPT U>
	S3-Z01-0V7-000		ZENER,10V-1/2W<U>
	87-070-334-080		ZENER,MTZJ10B<EXCEPT U>
	S3-FR2-021-000		DIODE,FR2002
	S3-Z82-V80-000		DIODE,MTZJ8.2C
	S9-7U0-5R6-1B0		ZENER,MTZJ5.6A
	S3-Z22-V80-000		ZENER,2.2V-1/2W
	87-017-663-080		LED,5-5(RED)L-1553IDT
	S3-MTZ-J33-A80		ZENER,MTZJ3.3A
	S3-1SS-135-100		DIODE,1SS135<EXCEPT U>
MAIN C.B			
BPF1	S2-900-621-000		FILTER,BPMB6AT<EXCEPT U>
C43	87-015-697-080		CAP,E 3.3UF-50V<EXCEPT U>
C45	87-010-412-010		CAP,E 10 25V<EXCEPT U>
C48	87-010-248-010		CAP,E 220 10V<EXCEPT U>
C51	87-010-035-010		CAP,E 2.2-50V<EXCEPT U>
C52	87-016-073-080		CAP,E 1-50V<EXCEPT U>
C53	87-010-404-010		CAP,E 4.7 50V<EXCEPT U>
C57	87-016-073-080		CAP,E 1-50V<EXCEPT U>
C58	87-016-073-080		CAP,E 1-50V<EXCEPT U>
C62	87-015-696-080		CAP,E 2.2UF-50V<EXCEPT U>
C64	87-010-263-010		CAP,E 100UF-10V<EXCEPT U>
C72	87-010-248-010		CAP,E 220 10V<U>
C73	87-010-035-010		CAP,E 2.2-50V<U>
C77	87-016-073-080		CAP,E 1-50V<U>
C79	87-016-073-080		CAP,E 1-50V<U>
C79	87-010-221-040		CAP,E 470UF-10V<EXCEPT U>
C80	87-016-073-080		CAP,E 1-50V<U>
C81	87-015-693-080		CAP,E 0.33UF-50V<U>
C82	87-015-391-010		CAP,E 0.22UF 50V<EXCEPT U>
C83	87-015-391-010		CAP,E 0.22UF 50V<EXCEPT U>
C86	87-010-404-010		CAP,E 4.7 50V<U>
C91	87-A10-216-080		CAP,E 47UF-25V<EXCEPT U>
C92	87-010-498-010		CAP,E 10UF-16V<U>
C105	87-015-693-080		CAP,E 0.33UF-50V<U>
C106	87-015-693-080		CAP,E 0.33UF-50V<U>
C137	87-010-263-010		CAP,E 100 10V<U>
C139	87-010-035-010		CAP,E 2.2-50V<U>
C166	87-010-553-040		CAP,E 47-16V<U>
C166	87-010-553-040		CAP,E 47-16V<EXCEPT U>
C197	87-010-544-010		CAP,E 0.1UF-50V<EXCEPT U>
C503	87-016-073-080		CAP,E 1-50V
C504	87-016-073-080		CAP,E 1-50V
C507	87-016-073-080		CAP,E 1-50V
C508	87-016-073-080		CAP,E 1-50V
C509	87-010-263-010		CAP,E 100 10V
C513	87-016-073-080		CAP,E 1-50V
C514	87-016-073-080		CAP,E 1-50V
C521	87-010-374-010		CAP,E 47 10V
C523	87-016-073-080		CAP,E 1-50V
C524	87-016-073-080		CAP,E 1-50V
C525	87-016-073-080		CAP,E 1-50V
C526	87-010-544-010		CAP,E 0.1UF-50V
C527	87-010-221-040		CAP,E 470UF-10V
C528	87-010-374-010		CAP,E 47 10V
C539	87-016-073-080		CAP,E 1-50V
C540	87-016-073-080		CAP,E 1-50V
C541	87-015-693-080		CAP,E 0.33UF-50V
C542	87-015-693-080		CAP,E 0.33UF-50V
C544	87-010-037-010		CAP,E 10UF-50V
C603	87-010-553-040		CAP,E 47-16V
C604	87-010-553-040		CAP,E 47-16V
C605	87-010-385-010		CAP,E 220UF-25V
C609	87-010-553-040		CAP,E 47-16V
C610	87-010-553-040		CAP,E 47-16V
C611	87-010-271-010		CAP,E 1000UF-16V
C612	87-010-271-010		CAP,E 1000UF-16V
C655	87-010-582-010		CAP,E 4700UF-35V
C656	87-010-248-010		CAP,E 220 10V<U>
C656	87-010-404-010		CAP,E 4.7 50V<EXCEPT U>
C657	87-010-248-010		CAP,E 220 10V
C659	87-010-544-010		CAP,E 0.1UF-50V
C660	87-010-248-010		CAP,E 220 10V
C803	87-010-263-010		CAP,E 100 10V
C804	87-010-263-010		CAP,E 100 10V
C807	87-010-404-010		CAP,E 4.7 50V
C808	87-010-404-010		CAP,E 4.7 50V
C813	87-010-248-010		CAP,E 220 10V
C814	87-010-404-010		CAP,E 4.7 50V
C815	87-010-404-010		CAP,E 4.7 50V
C816	87-010-263-010		CAP,E 100 10V
C822	87-010-263-010		CAP,E 100 10V
C904	SC-C50-150-K00		CAP,CER 500PF-50V<K,EEZ,EZ>
C906	SC-C22-250-Z00		CAP,CER 0.0022UF-50V<K,EEZ,EZ>
C907	87-016-073-080		CAP,E 1-50V<K,EEZ,EZ>
CF1	S2-900-081-000		CER,FILTER FM 10.7MHZ<U>
CF1	S2-900-601-000		CER,FILTER FM 10.7MHZ<EXCEPT U>
CF2	S2-900-601-000		CER,FILTER FM 10.7MHZ<EXCEPT U>
CF3	S2-900-081-000		CER,FILTER FM 10.7MHZ<U>
J601	S2-3B0-111-000		JACK,HP ST
J602	S2-300-431-000		TERM,SPKR 4P(LCX100)

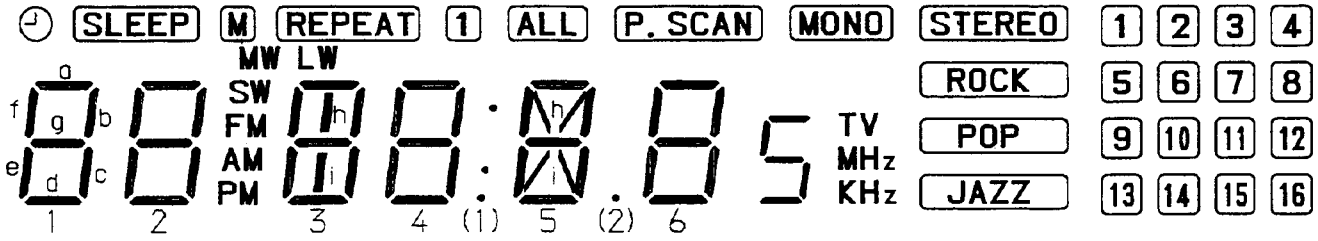
REF. NO	PART NO.	カンリ NO.	DESCRIPTION
J603	S2-3A0-171-000		JACK,RCA
J651	S2-3A0-161-000		JACK,DC
L1	S7-A00-490-000		COIL,FM 2-15-0.5<EXCEPT U>
L1	S2-600-201-000		INDUCTOR 2.2UH<U>
L2	S7-A00-480-000		COIL,FM<EXCEPT U>
L2			INDUCTOR 4.7UH<U>
L3	S2-600-201-000		INDUCTOR 2.2UH<EXCEPT U>
L4	S7-A00-480-000		COIL,FM<EXCEPT U>
L5	S6-017-810-000		COIL,OSC MW PS<LH,HE,HR>
L5	S6-017-510-000		COIL,OSC LW<K,EEZ,EZ>
L6	S6-016-420-000		COIL,OSC AM 7MM<U>
L6	S6-018-410-000		COIL,OSC SW3<LH,HE,HR>
L6	S6-017-810-000		COIL,OSC MW PS<K,EEZ,EZ>
L7	S6-021-210-000		COIL,ANT MW<U>
L7	S2-600-403-000		INDUCTOR 100UH<EXCEPT U>
L8	S6-016-510-000		COIL,QUAD FM<U>
L8	S2-600-403-000		INDUCTOR 100UH<EXCEPT U>
L9	S6-021-010-000		COIL,ANT SW 10-10<LH,HE,HR>
L9	S6-030-210-000		COIL,ANT MW(YEL)<K,EEZ,EZ>
L10	S6-030-210-000		COIL,ANT MW(YEL)<LH,HE,HR>
L11	S7-A00-490-000		COIL,FM 2-15-0.5<U>
L14	S2-600-181-000		INDUCTOR 47UH<U>
L21	S7-A00-480-000		COIL,FM<U>
L21	S2-600-264-000		INDUCTOR,1UH<LH,HE,HR>
L22	S7-A00-480-000		COIL,FM<U>
L23	S7-A00-480-000		COIL,FM<U>
L801	S6-020-610-000		COIL,OSC AC
MFT1	S6-016-610-000		FILTER,CFMT-037
SFR1	SR-V10-380-000		SFR,10K<U>
SFR1	SR-V47-320-000		SFR,47K<EXCEPT U>
SFR2	SR-V10-380-000		SFR,10K<U>
SFR801	SR-V10-380-000		SFR,10K<EXCEPT U>
SW801	S8-026-110-000		SW,SLIDE 9P2T
VC1	S3-SVC-203-300		DIODE,SVC203SPA/SVC203SPA-AA3
VC2	S3-SVC-203-300		DIODE,SVC203SPA/SVC203SPA-AA3
VC3	S3-KV1-260-344		DIODE,KV1260TS2-34<EXCEPT U>
VC3	S3-SVC-203-300		DIODE,SVC203SPA/SVC203SPA-AA3<U>
VC4	S3-KV1-260-344		DIODE,KV1260TS2-34
X1	S2-101-004-000		X'TAL,7.2MHZ
X2	S2-900-611-000		CER,DISCRI,10.7MG<EXCEPT U>
X2	S2-900-581-000		CER,RESO KBR457HS15<U>
X3	S2-900-581-000		CER,RESO KBR457HS15<EXCEPT U>
CD C.B			
C304	87-010-263-010		CAP,E 100 10V
C305	87-010-374-010		CAP,E 47 10V
C306	87-010-263-010		CAP,E 100 10V
C309	87-010-037-010		CAP,E 10UF-50V
C310	87-010-374-010		CAP,E 47 10V
C313	87-010-037-010		CAP,E 10UF-50V
C314	87-010-444-080		CAP,E 22UF-50V
C322	87-010-265-010		CAP,E 33 16
C326	87-010-263-010		CAP,E 100 10V
C335	87-010-263-010		CAP,E 100 10V
C338	87-010-404-010		CAP,E 4.7 50V
C344	87-010-248-010		CAP,E 220 10V
C348	87-010-374-010		CAP,E 47 10V
C350	87-010-374-010		CAP,E 47 10V
C385	87-010-221-040		CAP,E 470UF-10V
C401	87-010-035-010		CAP,E 2.2-50V
C402	87-010-035-010		CAP,E 2.2-50V
C424	87-010-374-010		CAP,E 47 10V
C426	87-010-221-040		CAP,E 470UF-10V
C432	87-010-221-040		CAP,E 470UF-10V
C435	87-010-412-010		CAP,E 10 25V
C438	87-010-263-010		CAP,E 100 10V
C439	87-010-263-010		CAP,E 100 10V
FB1	S1-8A0-010-100		INDUCTOR<EXCEPT U>
FB2	S1-8A0-010-100		INDUCTOR
FB3	S1-8A0-010-100		INDUCTOR<EXCEPT U>
FB4	S1-8A0-010-100		INDUCTOR<EXCEPT U>
FB5	S1-8A0-010-100		INDUCTOR<U>
FB6	S1-8A0-010-100		INDUCTOR<U>
FB7	S1-8A0-010-100		INDUCTOR<U>
FB8	S1-8A0-010-100		INDUCTOR<U>
FB9	S1-8A0-010-100		INDUCTOR<U>
FB10	S1-8A0-010-100		INDUCTOR<U>
L301	S2-600-121-000		INDUCTOR,10UH
SFR301	SR-V10-380-000		SFR,10K
SFR302	SR-V10-480-000		SFR,100K
SFR304	SR-V10-480-000		SFR,100K
X301	S2-900-312-000		CER RESO FCR16.93M2G
FRONT C.B			
C701	87-016-040-080		CAP,0.047-5.5V
C704	87-010-037-010		CAP,E 10UF-50V
L701	S2-600-181-000		INDUCTOR 47UH
L702	S2-600-201-000		INDUCTOR 2.2UH
L703	S2-600-403-000		INDUCTOR 100UH
LCD701	86-CL9-602-010		DISPLAY,LCD
SW701	S8-011-720-000		SW,1P1T
SW702	S8-011-720-000		SW,1P1T
SW703	S8-011-720-000		SW,1P1T
SW704	S8-011-720-000		SW,1P1T
SW705	S8-011-720-000		SW,1P1T
SW706	S8-011-720-000		SW,1P1T
SW707	S8-011-720-000		SW,1P1T
SW708	S8-011-720-000		SW,1P1T
SW710	S8-011-720-000		SW,1P1T
SW711	S8-011-720-000		SW,1P1T
SW712	S8-011-720-000		SW,1P1T
SW713	S8-011-720-000		SW,1P1T
SW714	S8-011-720-000		SW,1P1T
SW715	S8-011-720-000		SW,1P1T
X701	S2-900-631-000		CER,RESO 4.0MHZ
X702	87-030-194-010		X'TAL 32.768KHZ
LED C.B			
D718	S2-800-561-000		LED,3MM(GRN)SLR-342MG3F
D719	S2-800-561-000		LED,3MM(GRN)SLR-342MG3F
D720	S2-800-561-000		LED,3MM(GRN)SLR-342MG3F
D721	S2-800-561-000		LED,3MM(GRN)SLR-342MG3F
D722	S2-800-561-000		LED,3MM(GRN)SLR-342MG3F
D723	S2-800-561-000		LED,3MM(GRN)SLR-342MG3F
D724	S2-800-561-000		LED,3MM(GRN)SLR-342MG3F
D725	S2-800-561-000		LED,3MM(GRN)SLR-342MG3F
D726	S2-800-561-000		LED,3MM(GRN)SLR-342MG3F
TR C.B			
ANT C.B			
J604	S2-3B0-301-000		TERMINAL PUSH
AC C.B			
FUSE C.B			
⚠	S2-004-631-000		HOLDER,FUSE
⚠F651	S4-001-510-000		FUSE,3.15A/250V<U>
⚠F651	S4-001-610-000		FUSE,3.15A/250V<EXCEPT U>
MOTOR C.B			
M2	9X-262-513-210		SLED MOTOR ASSY
M3	9X-262-513-210		SLED MOTOR ASSY
PIN105	91-564-722-110		CONNECTOR 6P
SW1	91-572-085-110		LEAF SW

TRANSISTOR ILLUSTRATION



2SA933S	2SA1015	2SB1015	2SK161	2SK246
2SC1740S	2SA1296			
DTA114YS	2SA1318			
DTA124XS	2SC1815			
DTA143ES	2SC1923			
DTC114TS	2SC2001			
DTC114YS	2SC2240			
DTC124XS	2SD1468			
DTC143ES	8050C			

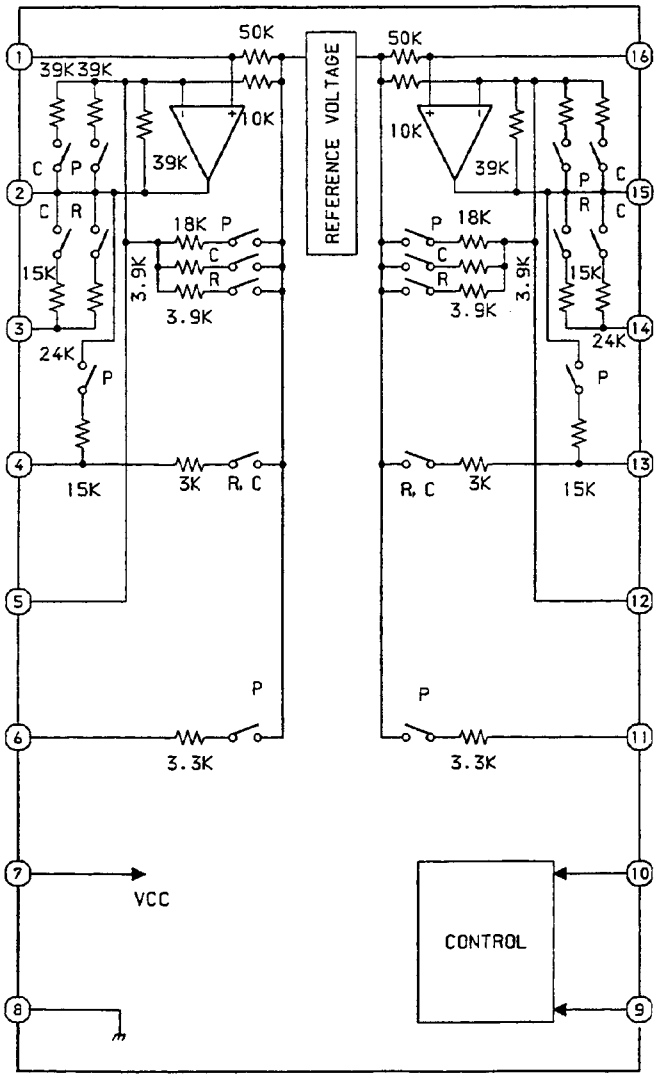
LCD ILLUSTRATION



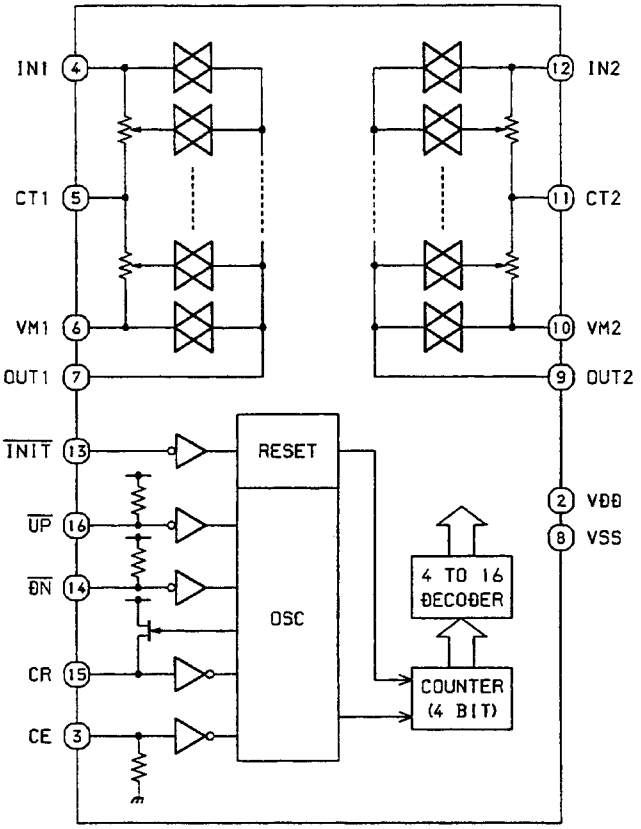
NO.	COM. 1	COM. 2	COM. 3
1			COM. 3
2		COM. 2	
3	COM. 1		
4	M	◴	SLEEP
5	REPEAT	1e	1f
6	1d	1g	1a
7	1	1c	1b
8		2e	2f
9	2d	2g	2a
10		2c	2b
11	MW	PM	SW
12	LW	AM	FM
13	ALL	3e	3f
14	3d	3g	3a
15	P. SCAN	3f	3h
16	MONO	3c	3b
17	:	4e	4f
18	4d	4g	4a
19	· (1)	4c	4b
20	STEREO	5e	5f
21	5d	5g	5a
22		5f	5h
23	· (2)	5c	5b
24	1	6e	6f
25	6d	6g	6a
26	5	6c	6b
27	KHz	MHz	TV
28	JAZZ	POP	ROCK
29	13	9	5
30	14	10	6
31	15	11	7
32	16	12	8
33	4	3	2

IC BLOCK DIAGRAM

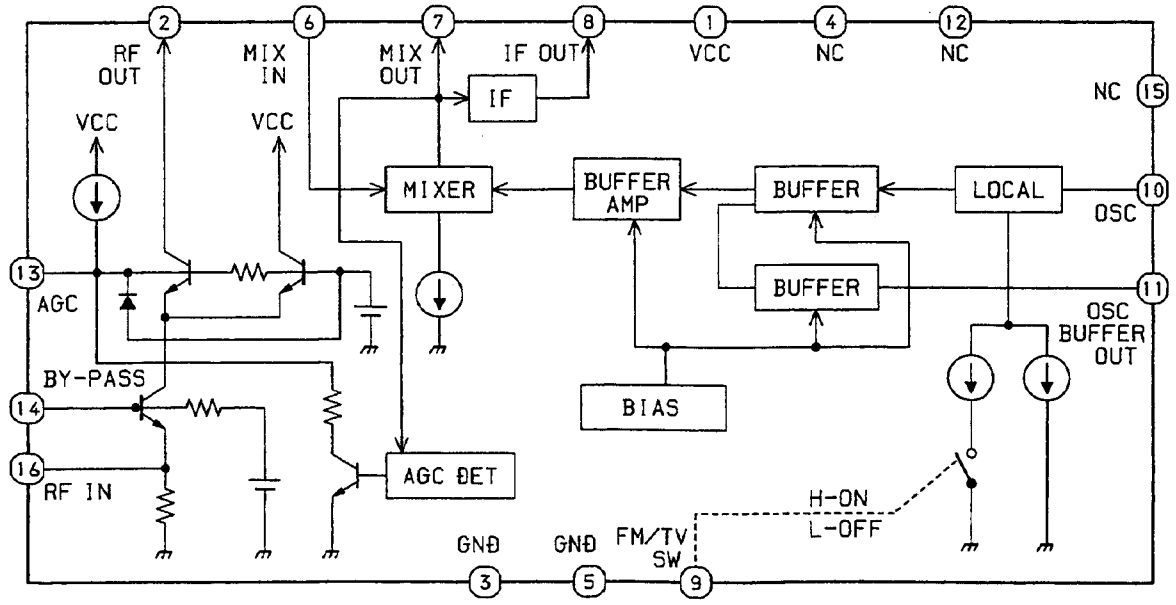
IC, M62412P



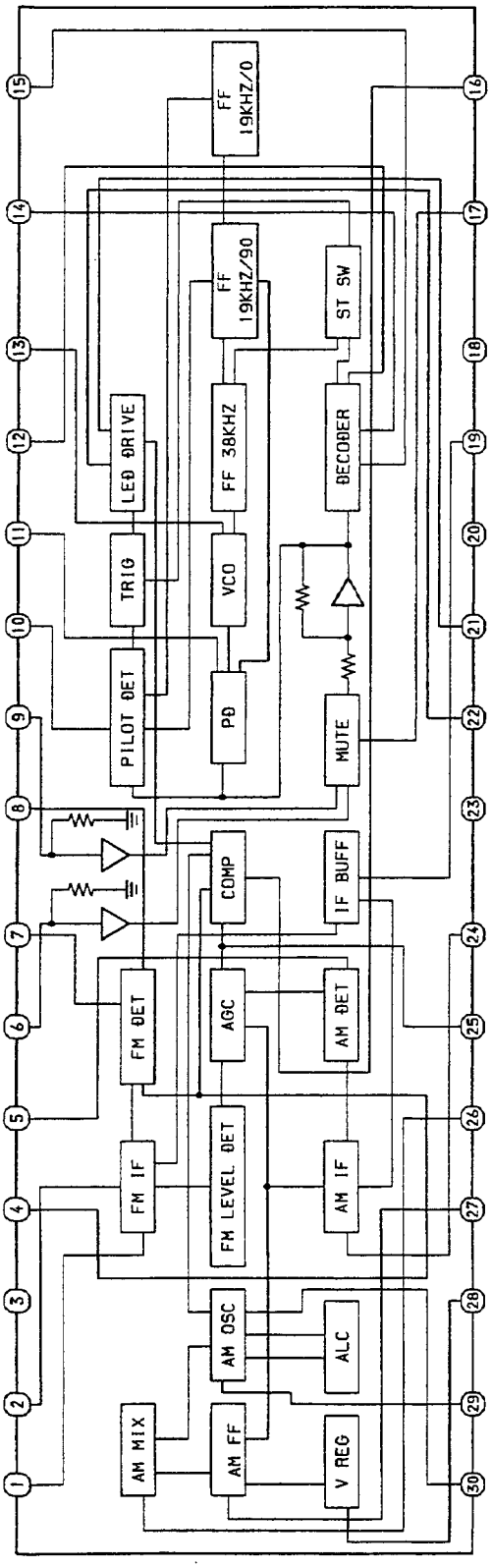
IC, LC7533



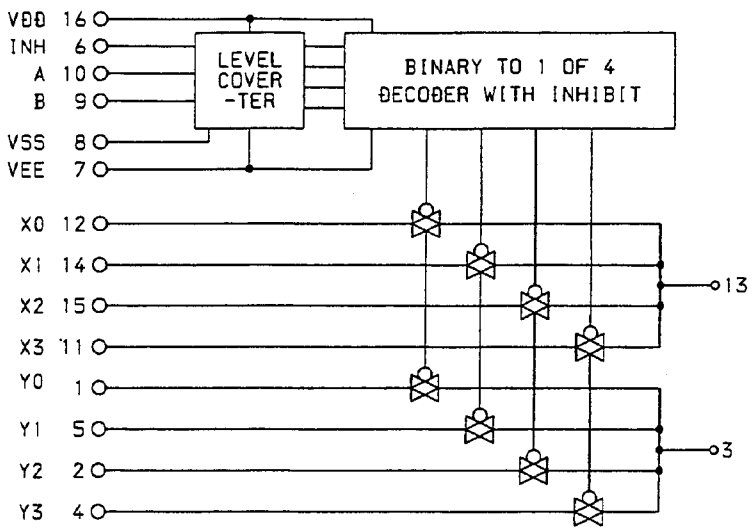
IC, TA8176SN



IC, LA1851N

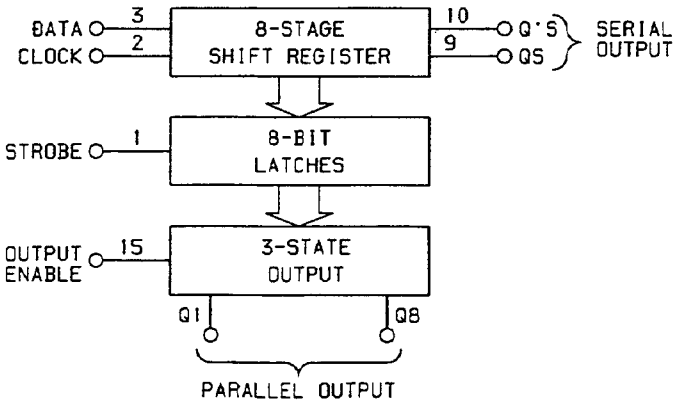


IC, BU4052BC

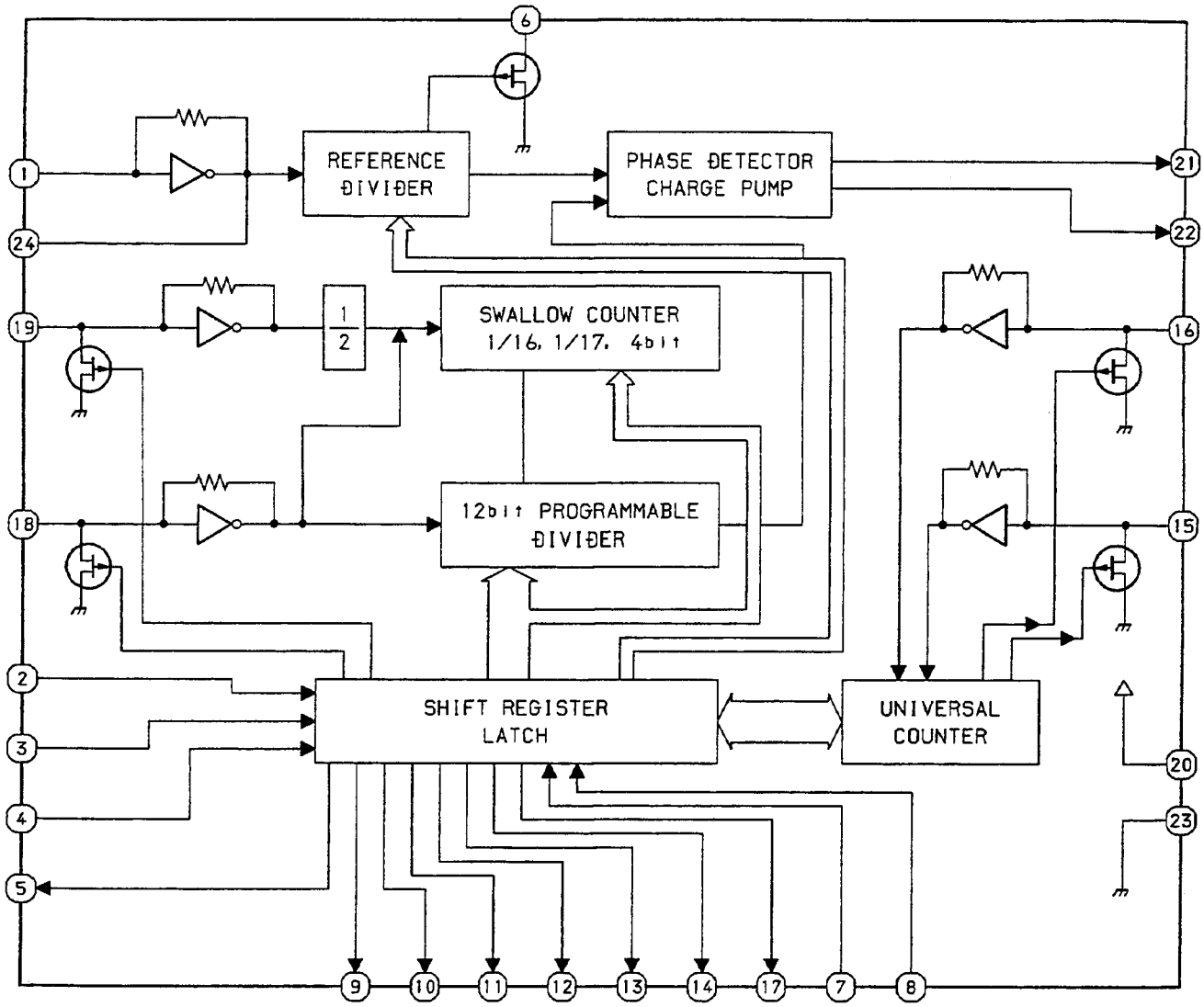


TRUTH TABLE

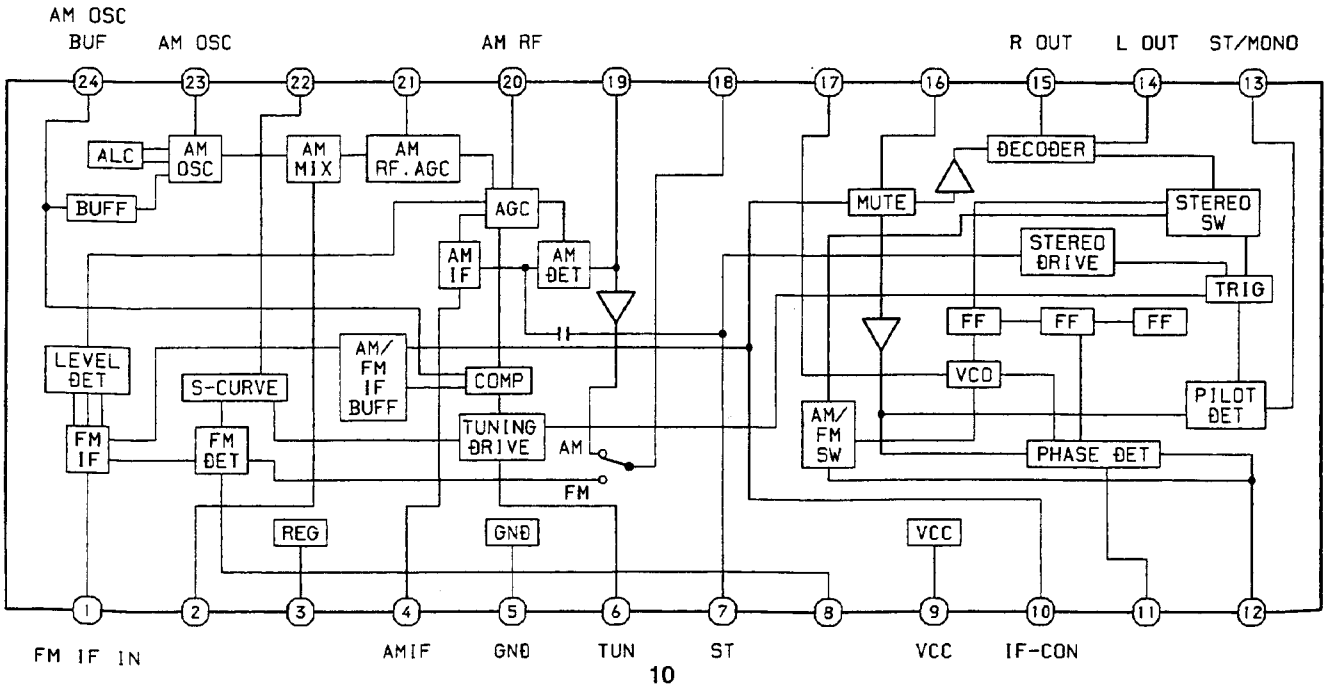
INHIBIT	A	B	ON SWITCH
L	L	L	X0 Y0
L	H	L	X1 Y1
L	L	H	X2 Y2
L	H	H	X3 Y3
H	X	X	NONE



IC, LC7218



IC, LA1831



・See the CSD-EX70 type U(S/M Code No. 09-962-129-30T) and type HR,EZ (S/M Code No. 09-962-129-80T) of the IC BLOCK DIAGRAM below.	
CSD-ES70	LCX-100
TA2065F	TA2065F
TA2058F	TA2058F
NJM78M05FA	NJM78M05FA

・See the CSD-EX70 type U(S/M Code No. 09-962-129-30T) and type HR,EZ (S/M Code No. 09-962-129-80T) of the IC DESCRIPTION below.	
CSD-ES70	LCX-100
TC9284BF	TC9284BF

IC DESCRIPTION

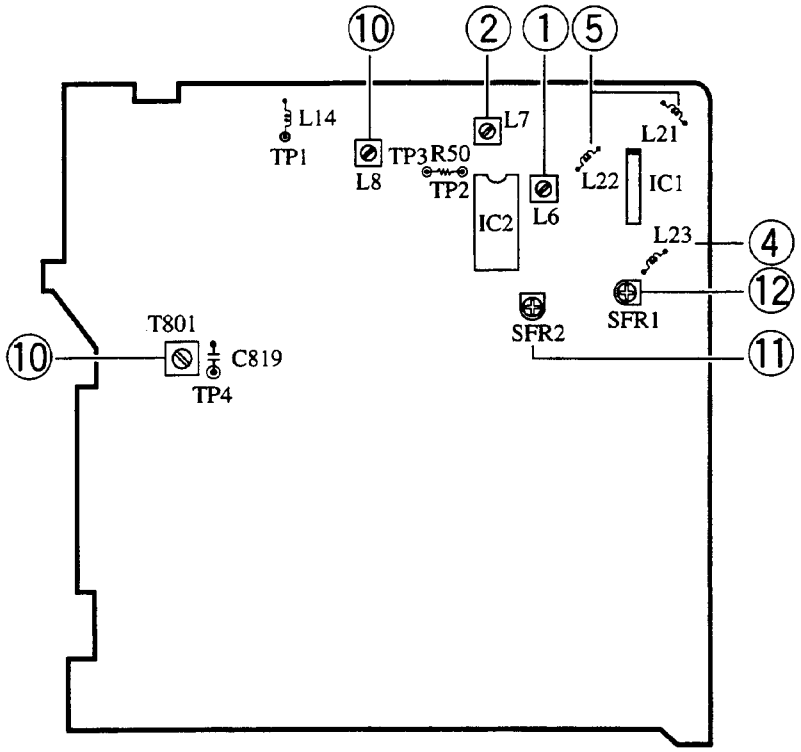
IC, TMP47C1220F-N641

<table>
<tr><th>Pin No.</th><th>Pin Name</th><th>I/O</th><th>Description</th></tr>
<tr><td>1</td><td>SEG28</td><td>O</td><td rowspan="4">LCD segment output terminal.</td></tr>
<tr><td>2</td><td>SEG29</td><td>O</td></tr>
<tr><td>3</td><td>SEG30</td><td>O</td></tr>
<tr><td>4</td><td>SEG31</td><td>O</td></tr>
<tr><td>5</td><td>COM1 COM4</td><td>O</td><td rowspan="3">LCD common output terminal.</td></tr>
<tr><td>6</td><td>COM1 COM4</td><td>O</td></tr>
<tr><td>7</td><td>COM1 COM4</td><td>O</td></tr>
<tr><td>8</td><td>NC</td><td>—</td><td rowspan="2">Not used.</td></tr>
<tr><td>9</td><td>NC</td><td>—</td></tr>
<tr><td>10</td><td>VLC</td><td>—</td><td>LCD drive voltage power supply.</td></tr>
<tr><td>11, 12</td><td>GEQ. B, GEQ. A</td><td>O</td><td>Preset GEQ control.
<table>
<tr><th></th><th>OFF</th><th>LOCK</th><th>POP</th><th>JAZZ</th></tr>
<tr><td>GEQ-B</td><td>L</td><td>L</td><td>H</td><td>H</td></tr>
<tr><td>GEQ-A</td><td>L</td><td>H</td><td>H</td><td>L</td></tr>
</table></td></tr>
<tr><td>13</td><td>P12</td><td>O</td><td rowspan="2">Key matrix output.</td></tr>
<tr><td>14</td><td>P13</td><td>O</td></tr>
<tr><td>15</td><td>VSS</td><td>—</td><td>Connected to GND.</td></tr>
<tr><td>16~19</td><td>P20~P23</td><td>O</td><td>Key matrix output.
<table>
<tr><th></th><th>KO0</th><th>KO1</th><th>KO2</th><th>KO3</th></tr>
<tr><td>P12</td><td>TAPE-PLAY</td><td>TAPE-REC</td><td>MONO/ST</td><td>POWER</td></tr>
<tr><td>P13</td><td>A0</td><td>A1</td><td>A2</td><td>A3</td></tr>
<tr><td>P20</td><td>FM/AM MODE</td><td>MONO/SET</td><td>STOP</td><td>UP</td></tr>
<tr><td>P21</td><td>REPEAT</td><td>BAND</td><td>PLAY</td><td>DOWN</td></tr>
<tr><td>P22</td><td>ROCK</td><td>POP</td><td>CLASSIC</td><td>(POWER)</td></tr>
<tr><td>P23</td><td>VOL UP</td><td>VOL DOWN</td><td>AUX</td><td>—</td></tr>
</table></td></tr>
<tr><td>20</td><td>TEST</td><td>—</td><td>Test terminal.</td></tr>
<tr><td>21</td><td>X IN</td><td>I</td><td rowspan="2">Main clock (4.0 MHz).</td></tr>
<tr><td>22</td><td>X OUT</td><td>O</td></tr>
<tr><td>23</td><td>RESET</td><td>—</td><td>Reset terminal.</td></tr>
<tr><td>24</td><td>HOLD</td><td>—</td><td>Connected to +5V.</td></tr>
<tr><td>25</td><td>KO0</td><td>I</td><td rowspan="4">Key matrix input.</td></tr>
<tr><td>26</td><td>KO1</td><td>I</td></tr>
<tr><td>27</td><td>KO2</td><td>I</td></tr>
<tr><td>28</td><td>KO3</td><td>I</td></tr>
<tr><td>29</td><td>REM</td><td>I</td><td>Remote control input.</td></tr>
<tr><td>30</td><td>CD+</td><td>O</td><td>“H” output when Function is CD.</td></tr>
<tr><td>31</td><td>TU+</td><td>O</td><td>“H” output when Function is TU.</td></tr>
<tr><td>32</td><td>CE</td><td>O</td><td>TU chip enable output.</td></tr>
<tr><td>33</td><td>VDD</td><td>—</td><td>Power supply (+5 V).</td></tr>
<tr><td>34</td><td>DO</td><td>I</td><td rowspan="3">TUNER control.</td></tr>
<tr><td>35</td><td>OI</td><td>O</td></tr>
<tr><td>36</td><td>CL</td><td>O</td></tr>
<tr><td>37</td><td>BUS0</td><td>I/O</td><td>CD control.</td></tr>
</table>

<table>
<tr><th>Pin No.</th><th>Pin Name</th><th>I/O</th><th>Description</th></tr>
<tr><td>38</td><td>BUS1</td><td>I/O</td><td rowspan="3">CD control.</td></tr>
<tr><td>39</td><td>BUS2</td><td>I/O</td></tr>
<tr><td>40</td><td>BUS3</td><td>I/O</td></tr>
<tr><td>41</td><td>CCE</td><td>O</td><td>CD chip enable output.</td></tr>
<tr><td>42</td><td>BUCK</td><td>O</td><td>CD clock output.</td></tr>
<tr><td>43</td><td>PUIN</td><td>I</td><td>Pick up detection switch input.</td></tr>
<tr><td>44</td><td>DOOR</td><td>I</td><td>CD-DOOR detection switch input.</td></tr>
<tr><td>45, 46</td><td>F-A (TU), F-B (TU)</td><td>O</td><td>IC BU4052BC control output.
<table>
<tr><th></th><th>CD</th><th>TU</th><th>TAPE</th><th>AUX</th></tr>
<tr><td>F-A (TU) (10)</td><td>0</td><td>1</td><td>0</td><td>1</td></tr>
<tr><td>F-A (TU) (9)</td><td>1</td><td>0</td><td>0</td><td>1</td></tr>
</table>
</td></tr>
<tr><td>47</td><td>V-UP</td><td>O</td><td rowspan="2">VOLUME control output.</td></tr>
<tr><td>48</td><td>V-DWN</td><td>O</td></tr>
<tr><td>49</td><td>P-CONT</td><td>O</td><td>POWER control output.</td></tr>
<tr><td>50</td><td>MUTE</td><td>O</td><td>MAIN MUTE output.</td></tr>
<tr><td>51</td><td>X IN</td><td>I</td><td rowspan="2">Sub clock.</td></tr>
<tr><td>52</td><td>X OUT</td><td>O</td></tr>
<tr><td>53</td><td>NC</td><td>—</td><td rowspan="2">Not used.</td></tr>
<tr><td>54</td><td>NC</td><td>—</td></tr>
<tr><td>55~80</td><td>SEG2~SEG27</td><td>O</td><td>LCD segment output terminal.</td></tr>
</table>

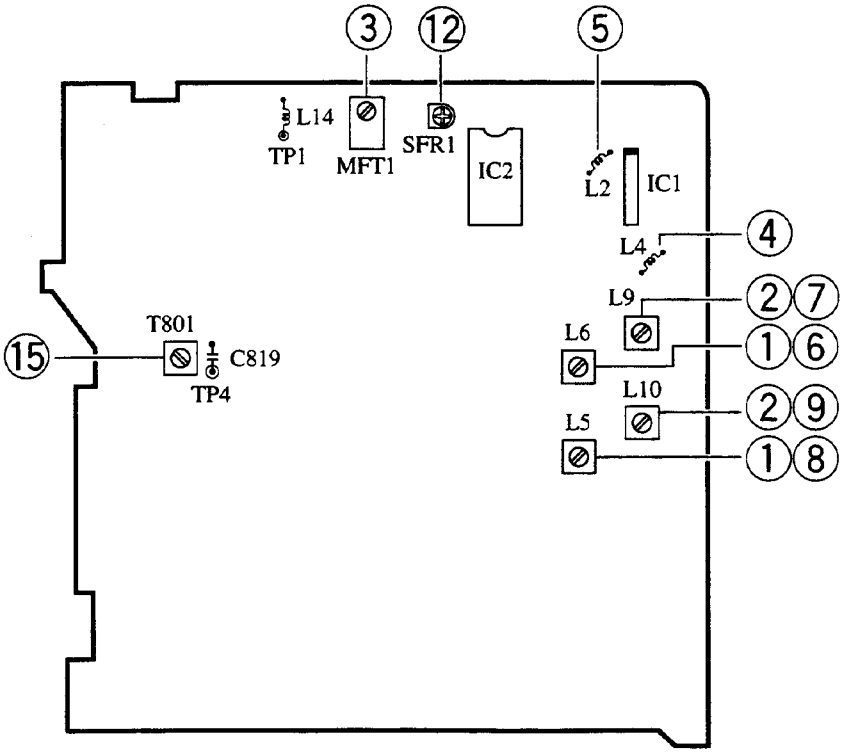
ELECTRICAL ADJUSTMENT

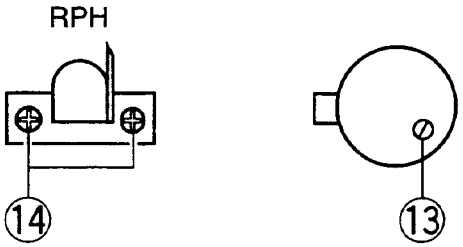
< U MODEL > A MAIN C.B (PARTS SIDE)



< EXCEPT U>

A MAIN C.B (PARTS SIDE)





(TUNER SECTION)

1. AM VT Adjustment (U)
   Settings: • Test point: TP1
   • Adjustment location: L6
   Method: Set to AM 530kHz adjust L6 so that the test point becomes 1.3V±0.1V.

1. MW VT Adjustment (HR, HE, LH)
   Settings: • Test point: TP1
   • Adjustment location: L5
   Method: Set to MW 531kHz adjust L5 so that the test point becomes 1.8±0.2V.

1. MW VT Adjustment (K, EZ, EEZ)
   Settings: • Test point: TP1
   • Adjustment location: L6
   Method: Set to MW 531kHz adjust L6 so that the test point becomes 1.6±0.2V.

2. AM Tracking Adjustment (U)
   L7 ..... 600kHz

2. MW Tracking Adjustment
   L10 (HR, HE, LH) 603kHz
   L9 (K, EZ, EEZ)

3. MW IF Adjustment (EXCEPT U)
   MFT1 ..... 450±1kHz

4. FM VT Adjustment
   Settings: • Test point: TP1
   • Adjustment location: L23 (U)
   L4 (EXCEPT U)
   Method: Set to FM 87.5MHz and adjust L23 (U), L4 (EXCEPT U) so that the test point is 4.0±0.1V (U), 3.6±0.2V (EXCEPT U).

5. FM Tracking Adjustment
   L21, 22 (U) 87.5MHz
   L2 (EXCEPT U)

6. SW VT Adjustment (HR, HE, LH)
   Settings: • Test point: TP1
   • Adjustment location: L6
   Method: Set to SW 3.8MHz adjust L6 so that the test point becomes 1.2 ± 0.1V.

7. SW Tracking Adjustment (HR, HE, LH)
   L9 ..... 3.8MHz

8. LW VT Adjustment (K, EZ, EEZ)
   Settings: • Test point: TP1
   • Adjustment location: L5
   Method: Set to LW 153kHz adjust L5 so that the test point becomes 2.6 ± 0.2V.

9. LW Tracking Adjustment (K, EZ, EEZ)
   L10 ..... 153kHz

10. DC Balance/MONO Distortion Adjustment
    Settings: • Test point: TP2, TP3
    • Adjustment location: L8
    • Input level: 60dB
    Method: Set to FM 98.0MHz and adjust L8 so that the voltage between TP2 and TP3 becomes 0V±20mV.

11. AM Auto Stop Adjustment
    Settings: • Adjustment location: SFR2
    Method: Make setup for AM 1000kHz. Adjust SFR2 so that the machine performs Auto Stop when more than 0.1V is input.

12. FM Auto Stop Adjustment
    Settings: • Adjustment location: SFR1
    Method: Make setup for FM 98MHz. Adjust SFR1 so that the machine performs Auto Stop when 30dB (U), $30\pm^{5}_{10}$dB (EXCEPT U).

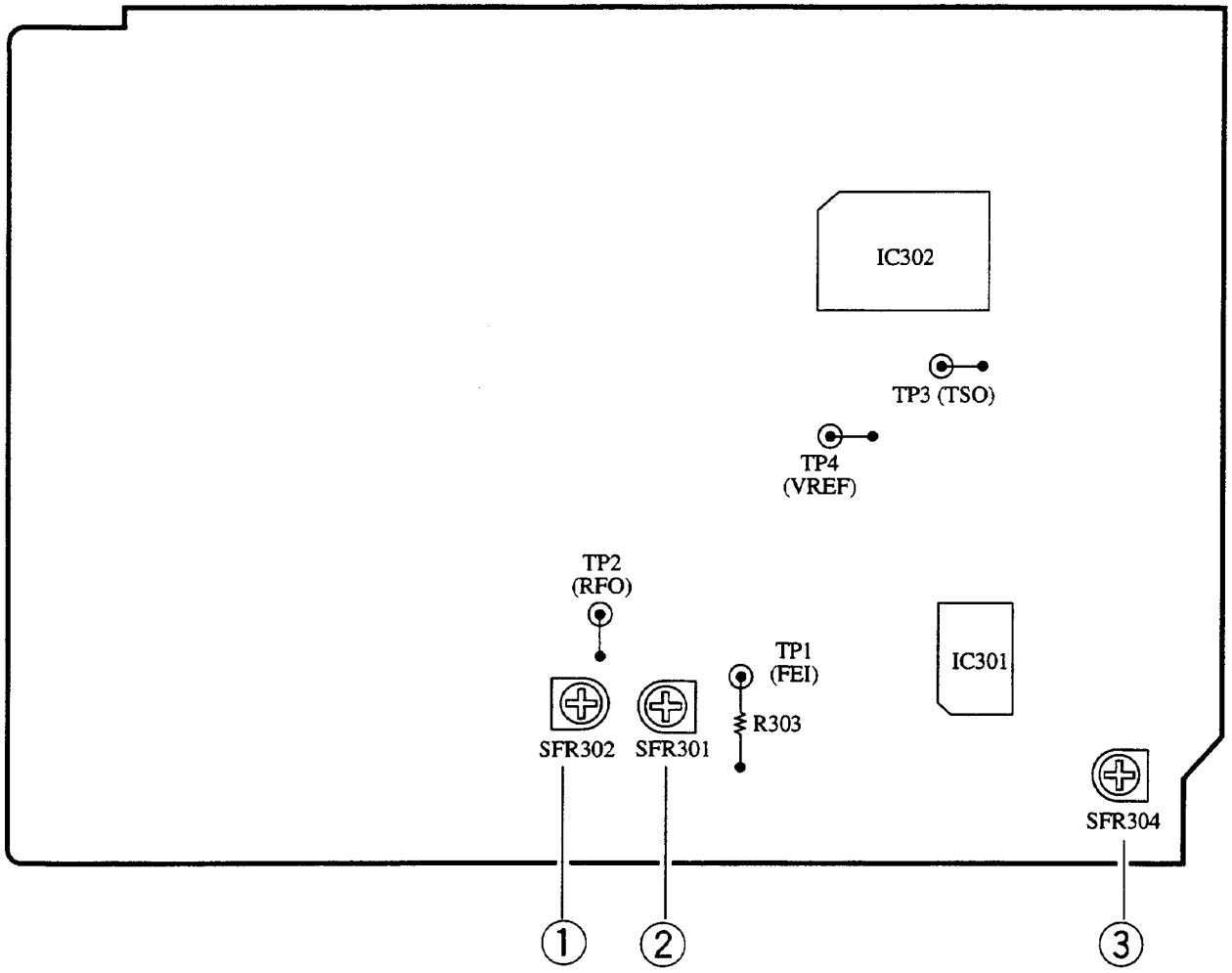
(TAPE SECTION)

13. Tape speed Adjustment (DECK2)
    Settings: • Test tape: TTA-100 (TTA-111S)
    • Adjustment location: SFR of deck motor.
    Method: Play back the test tape with DECK1 and adjust SFR751 so that the output frequency is 3000Hz. After the adjustment, check that the frequency of DECK2 is 3000±55Hz.

14. Azimuth Adjustment (DECK1, DECK2)
    Settings: • Test tape: TTA-320
    • Adjustment location: Head azimuth adjustment screw
    Method: Play back the 8kHz signal of the test tape and adjust screw so that the output becomes maximum. Next, perform on each FWD PLAY and REV PLAY mode.

15. AC Bias Adjustment
    Settings: • Test tape: TTA-630
    • Test point: TP4
    • Adjustment location: T801
    Method: Set up the recording mode. Adjust T801 so that the TP4 becomes 56±1kHz.

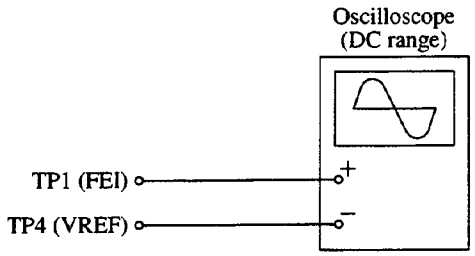
B CD C.B (PARTS SIDE)



(CD SECTION)

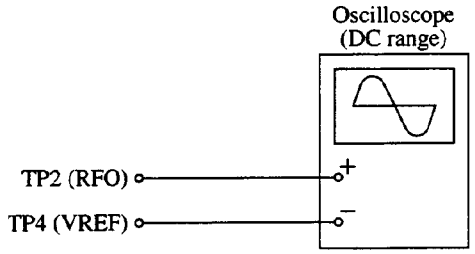
Note: · Connect a probe (10: 1) of the oscilloscope to a test point.

1. Focus offset Adjustment

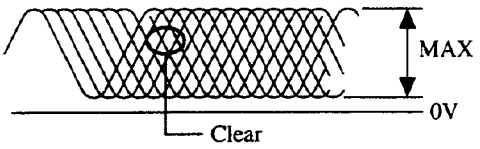


1) Make short-circuit between TP2 (RFO) and TP4 (VREF) by wire.
2) Connect an oscilloscope between test points TP1 (FEI) and TP4 (VREF).
3) Turn on the main power to the CD player.
4) Insert the test disc TCD-782 (YEDS-18) and reads the TOC data.
5) Adjust SFR302 so that the offset level is 0±20mV.
6) Remove short-circuit after completing adjustment.

2. Focus Balance Adjustment
Make the focus bias adjustment when replacing and repairing the optical block.

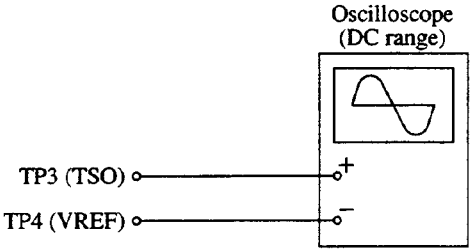


1) Connect an oscilloscope to test points TP2 (RFO) and TP4 (VREF).
2) Turn on the power switch.
3) Insert test disc TCD-782 (YEDS-18) and play back the second composition.
4) Adjust SFR301 so that the level of RF wave to be maximum and clear.

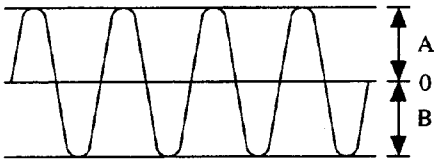


VOLT/DIV: 20mV
TIME/DIV: 0.2μS

3. Tracking Balance Adjustment



1) Connect an oscilloscope to test points TP3 (TSO) and TP4 (VREF).
2) Turn on the power switch.
3) Insert test disc TCD-782 (YEDS-18) and press the PLAY (▶) button.
4) Push and hold the ⏩ button. (MS mode)
5) Adjust SFR304 so that the waveform on the oscilloscope is vertically symmetrical as shown in the figure below.



A = B

PRACTICAL SERVICE FIGURE

< TUNER SECTION >

< FM SECTION > (U)

IHF Sensitivity:	15dB±5dB (at 87.5MHz)
(THD 3%)	14dB±5dB (at 98.0MHz)
	14dB±5dB (at 108.0MHz)
Signal to noise ratio:	More than 50dB
(Input 54dB)	(at 98.0MHz)
Distortion:	Less than 2.0%
(Input 54dB)	(at 98.0MHz)
Auto stop level:	20–30dB
	(at 98.0MHz)
Stereo separation:	More than 25dB
	(at 98.0MHz)
Intermediate frequency:	10.7MHz

< FM SECTION > (EXCEPT U)

IHF Sensitivity:	13dB±6dB (at 88.0MHz)
(THD 3%)	13dB±6dB (at 98.0MHz)
	14dB±6dB (at 108.0MHz)
Signal to noise ratio:	65±6dB
(Input 54dB)	(at 98.0MHz)
Distortion:	Less than 2.0%
(Input 54dB)	(at 98.0MHz)
Auto stop level:	30dB±5dB
	(at 98.0MHz)
Stereo separation:	More than 25dB
	(at 98.0MHz)
Intermediate frequency:	10.7MHz

< AM SECTION > (U)

Sensitivity:	46dB±5dB (at 600kHz)
(S/N 10dB)	44dB±5dB (at 1000kHz)
	42dB±5dB (at 1400kHz)
Signal to noise ratio:	More than 33dB
(Input 74dB)	(at 1000kHz)
Distortion:	Less than 4.0%
(Input 54dB)	(at 1000kHz)
Auto stop level:	45–60dB (at 1000kHz)
Intermediate frequency:	450kHz

< MW SECTION > (EXCEPT U)

Sensitivity:	47dB±5dB (at 603kHz)
(S/N 10dB)	<HR, HE, LH>
	45dB±5dB (at 603kHz)
	<K, EZ, EEZ>
	43dB±5dB (at 999kHz)
	43dB±5dB (at 1404kHz)
Signal to noise ratio:	More than 35dB
(Input 74dB)	(at 999kHz)
Distortion:	Less than 3.0%
(Input 54dB)	(at 999kHz)
Auto stop level:	More than 63dB (at 999kHz)
Intermediate frequency:	450kHz

< SW SECTION > (HR, HE, LH)

Sensitivity:	40dB±6dB (at 3.8MHz)
(S/N 10dB)	35dB±6dB (at 8.0MHz)
	30dB±6dB (at 12.5MHz)
Signal to noise ratio:	More than 33dB
(Input 74dB)	(at 8.0MHz)

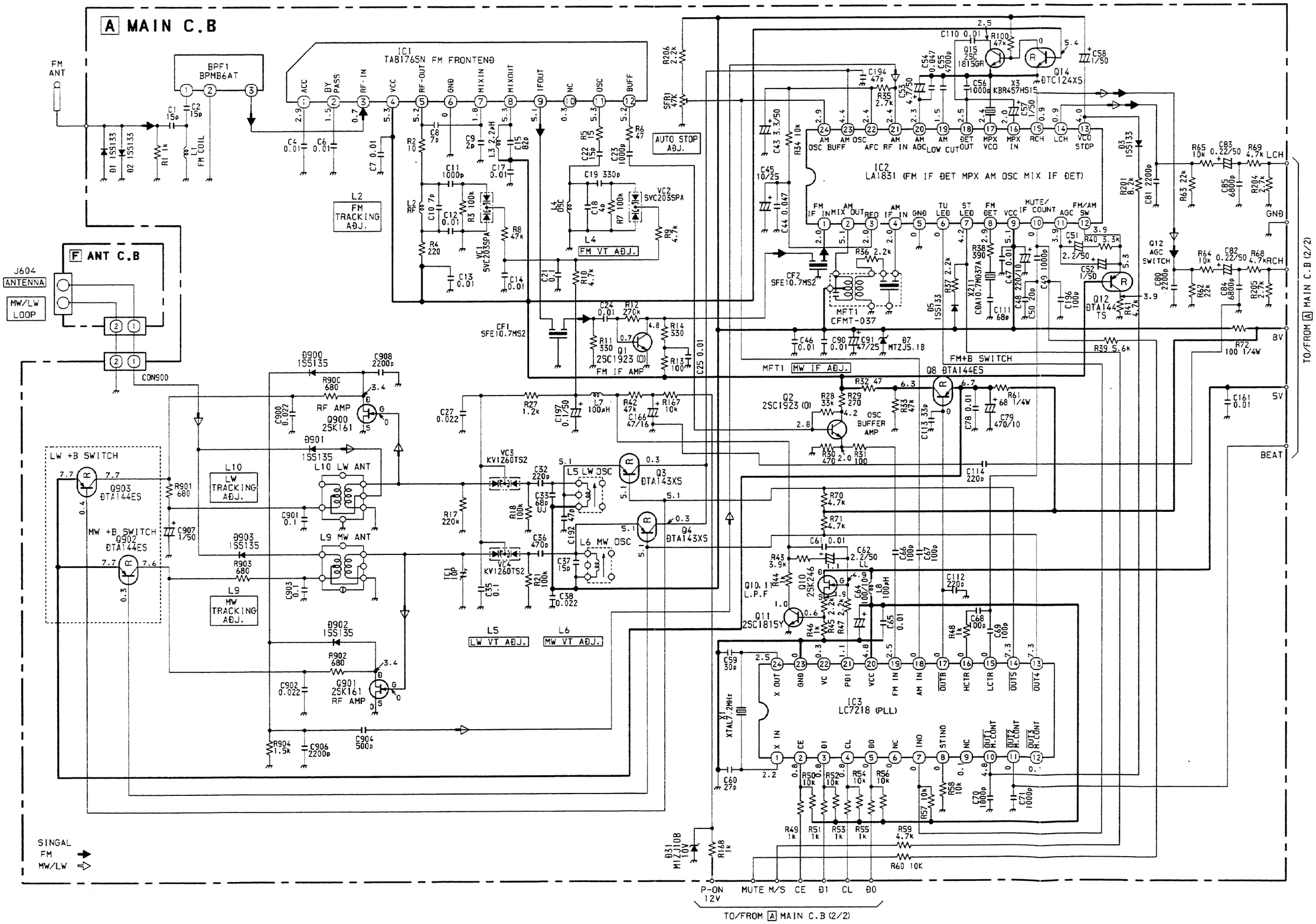
< LW SECTION > (K, EZ, EEZ)

Sensitivity:	58dB±5dB (at 153kHz)
(S/N 10dB)	55dB±5dB (at 198kHz)
	52dB±5dB (at 288kHz)
Signal to noise ratio:	More than 25dB
(Input 80dB)	(at 198kHz)

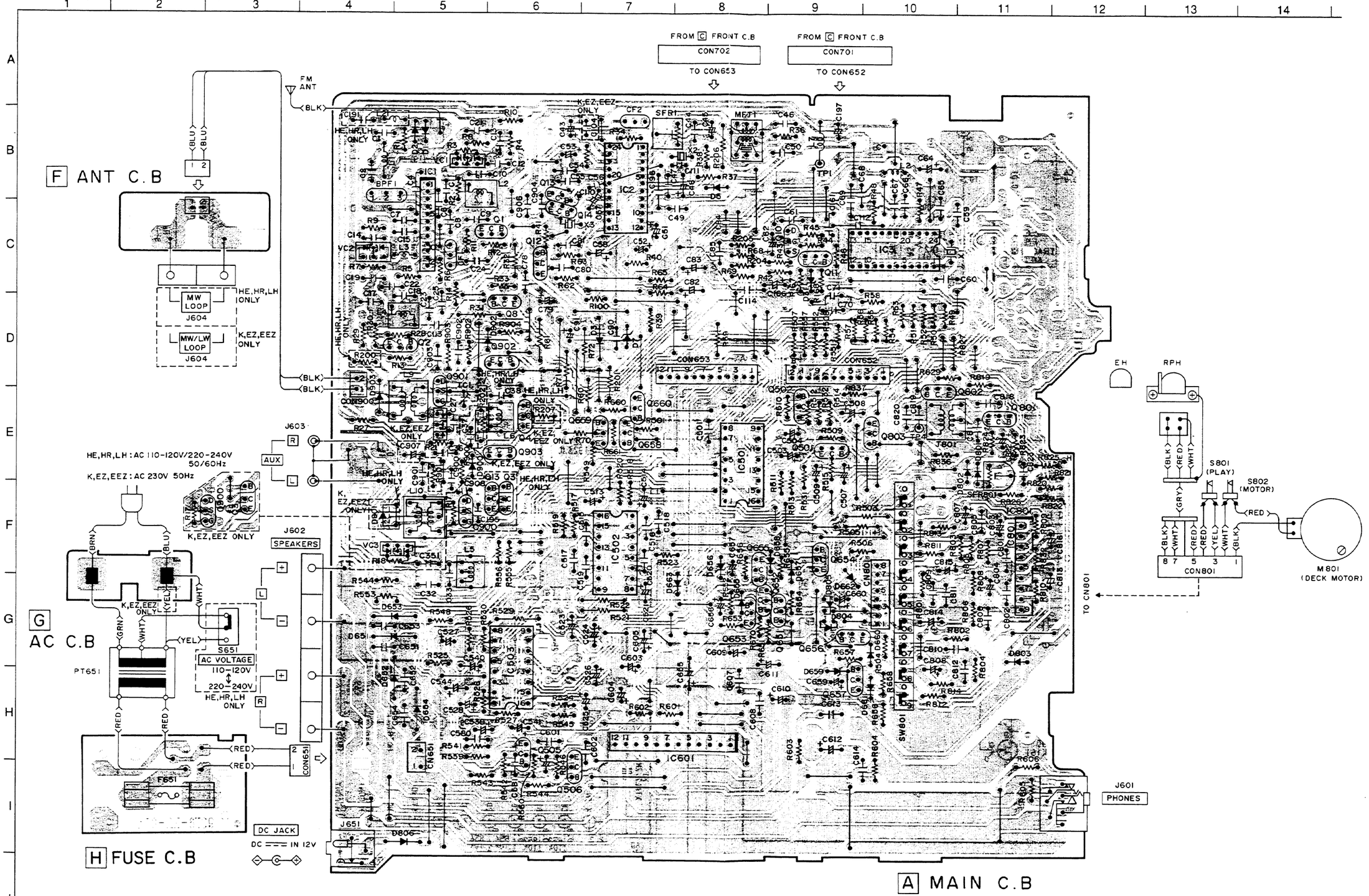
< DECK SECTION >

Tape speed:	3000Hz+3%/–2%
Wow & flutter:	Less than 0.35%
	(JIS, R.M.S)
Distortion:	Less than 3.0% (PB)
	Less than 7.0% (REC)
Signal to noise ratio:	More than 40dB (PB, AC)
	More than 35dB
	(REC/PB, AC)
Erasing ratio:	More than 55dB
Cross talk:	More than 50dB
Separation:	More than 35dB

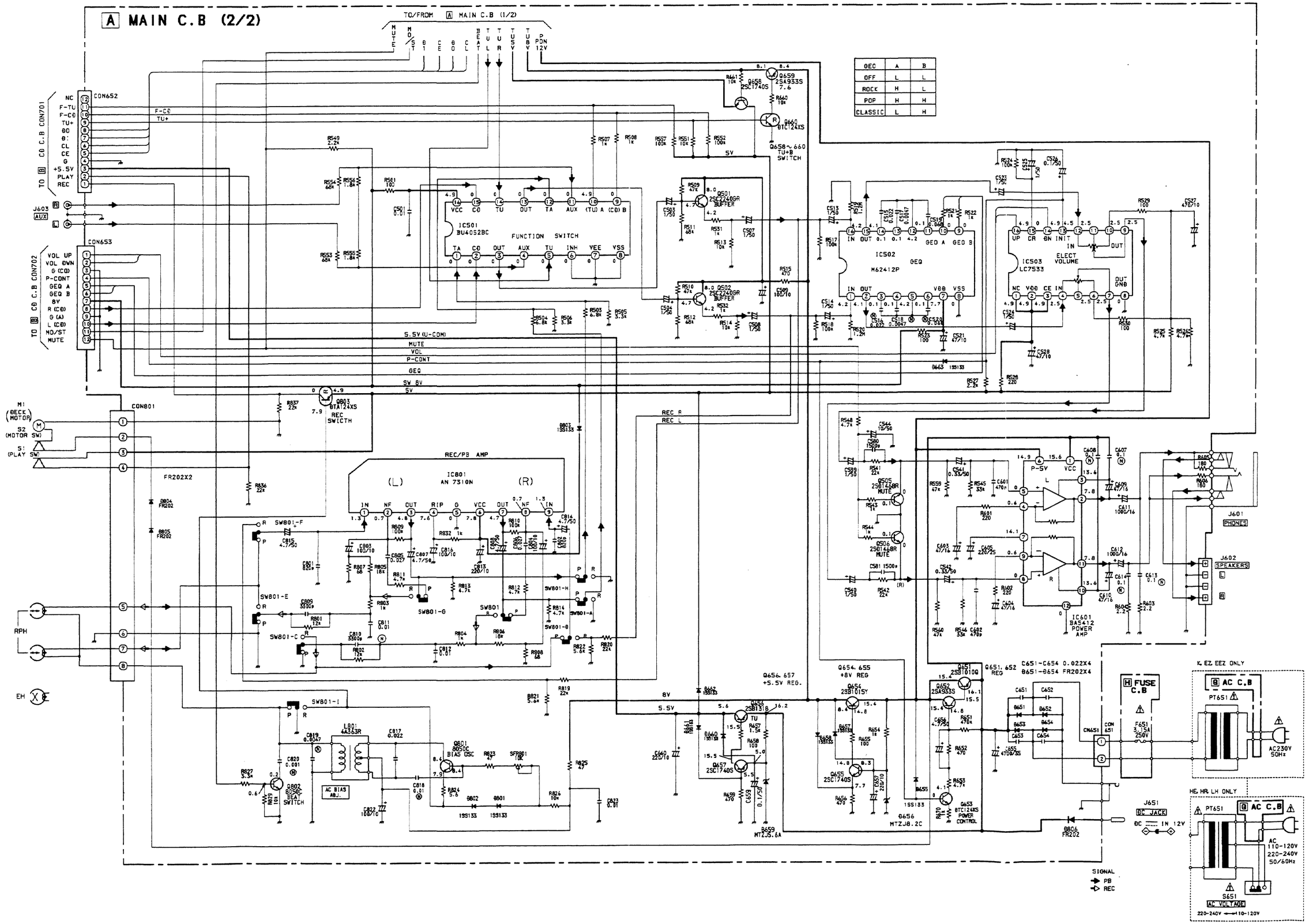
SCHEMATIC DIAGRAM-1 (TUNER: K, EZ, EEZ)



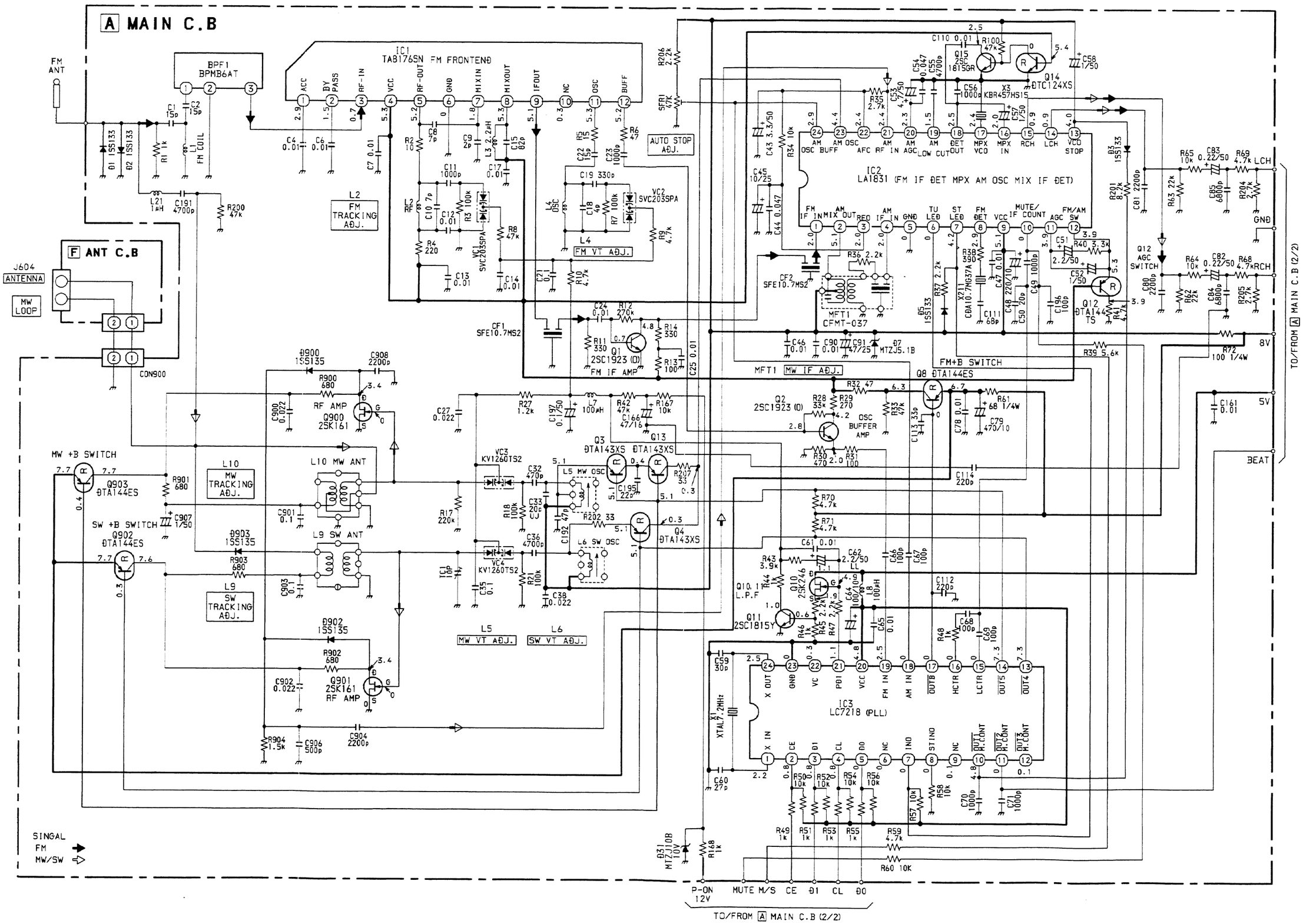
WIRING-1 (MAIN: EXCEPT U)



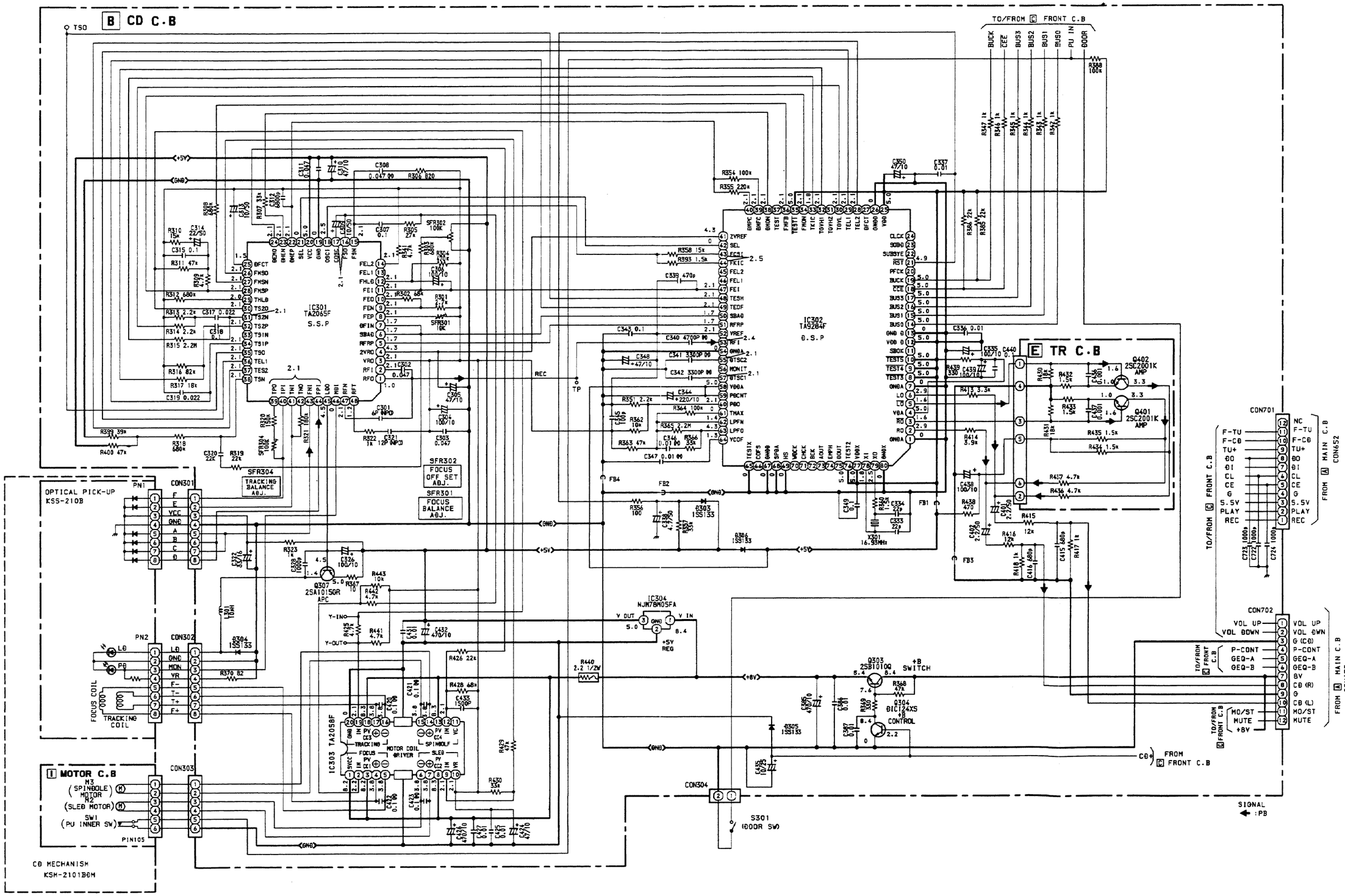
SCHEMATIC DIAGRAM-2 (MAIN: EXCEPT U)



SCHEMATIC DIAGRAM-3 (TUNER: LH, HE, HR)



SCHEMATIC DIAGRAM-4 (CD: EXCEPT U)



C FRONT C.B

D LED C.B

E TR C.B

I MOTOR C.B

B CD C.B

VOLUME

U701 (SENSOR)

D718~726 (LCD BACK LIGHT)

SW704,D717 POWER

3-MODE GRAPHIC EQUALIZER

SW715 AUX

SW702 JAZZ

SW701 POP

SW703 ROCK

SW705 REPEAT

SW706 TUNER/BAND

SKIP/SEARCH

SW712

SW708

TUNING

PLAY/PAUSE SW707

STOP SW711

SW710 MEMORY

M2 (SLED MOTOR)

SW1 (INSIDE LIMIT SW)

M3 (SPINDLE MOTOR)

TO A MAIN C.B

FROM A MAIN C.B

S301 (DOOR)

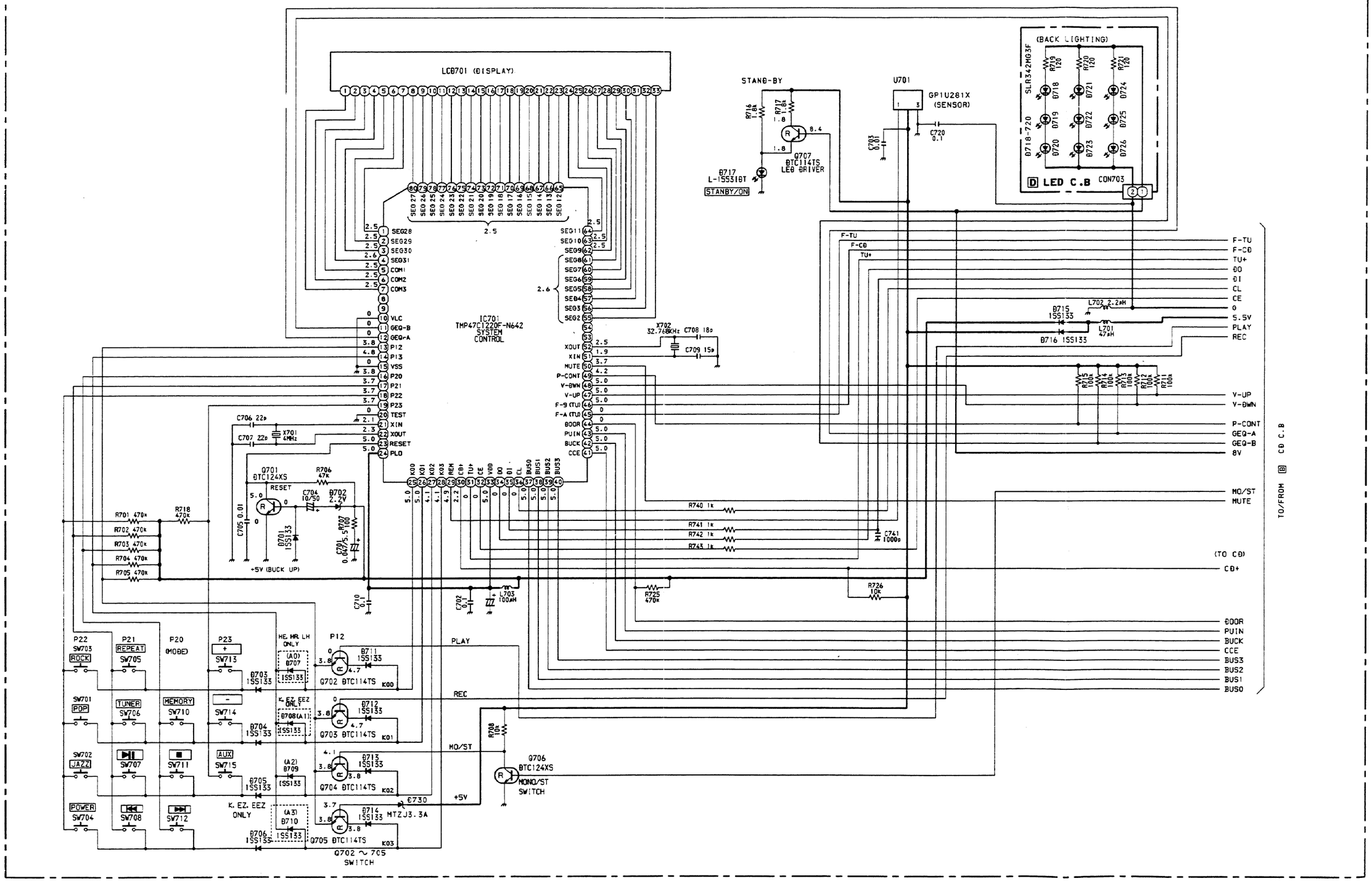
PICK UP ASSY

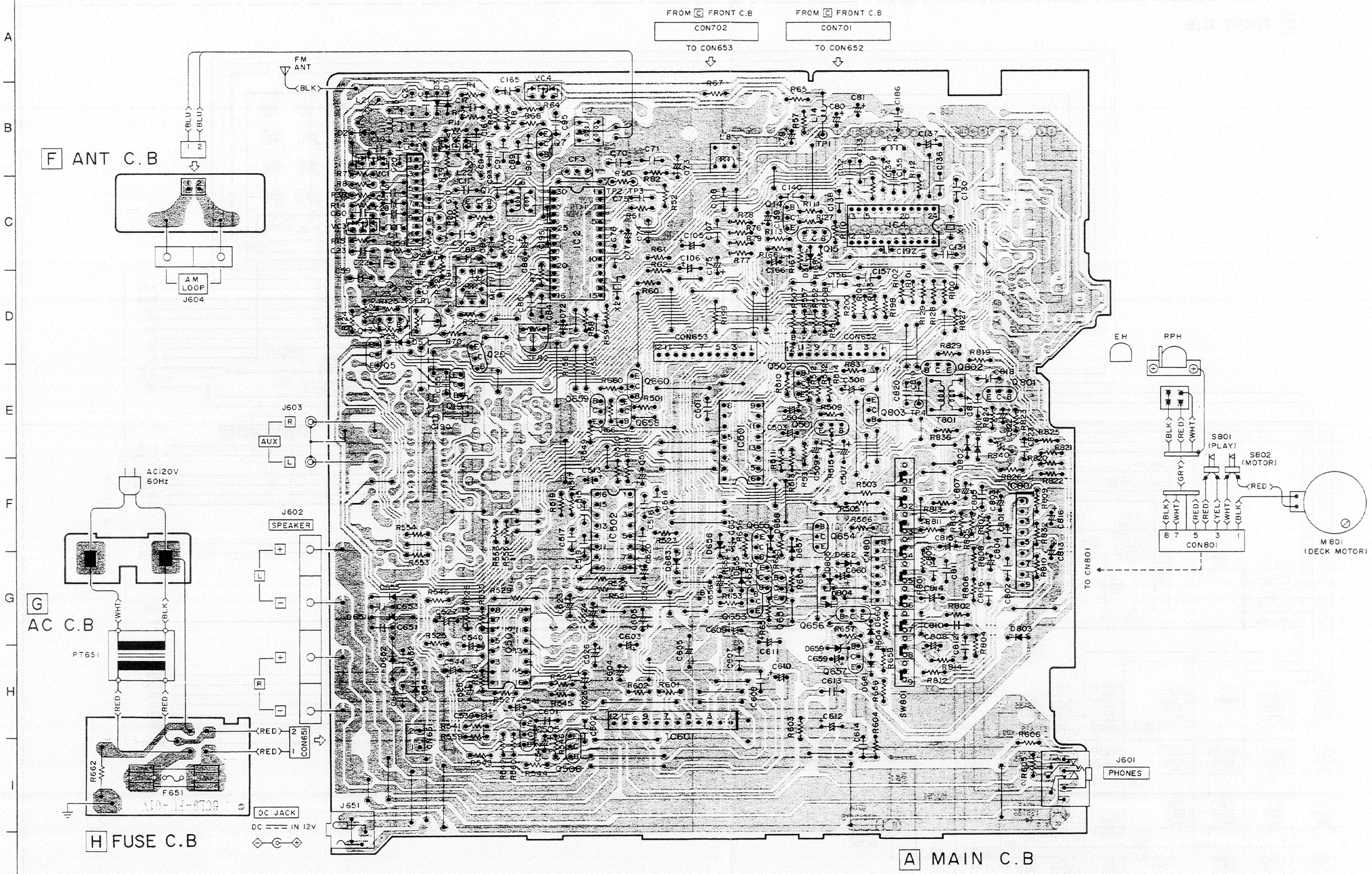
PIN 1

PIN 2

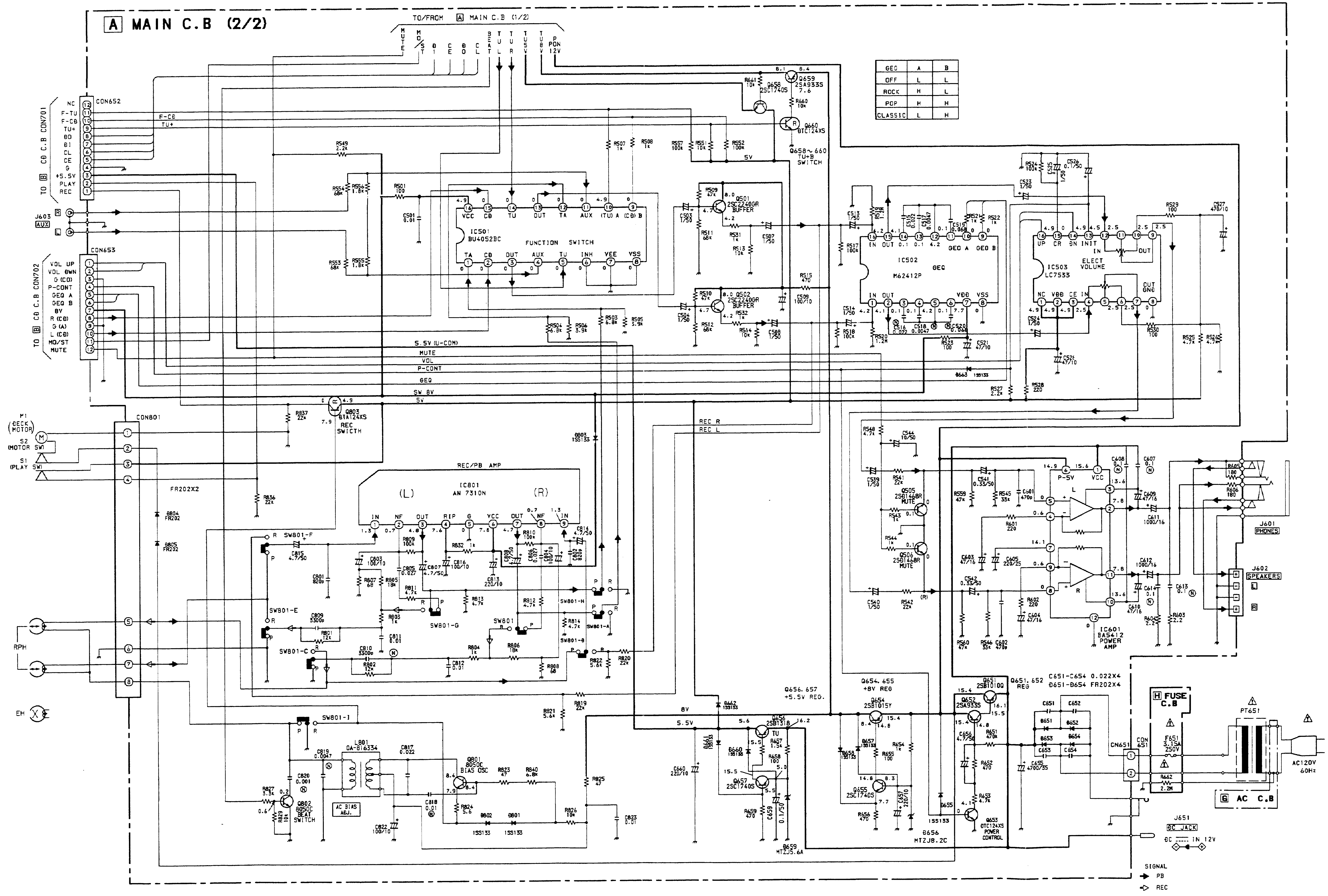
SCHEMATIC DIAGRAM-5 (FRONT: EXCEPT U)

C FRONT C.B

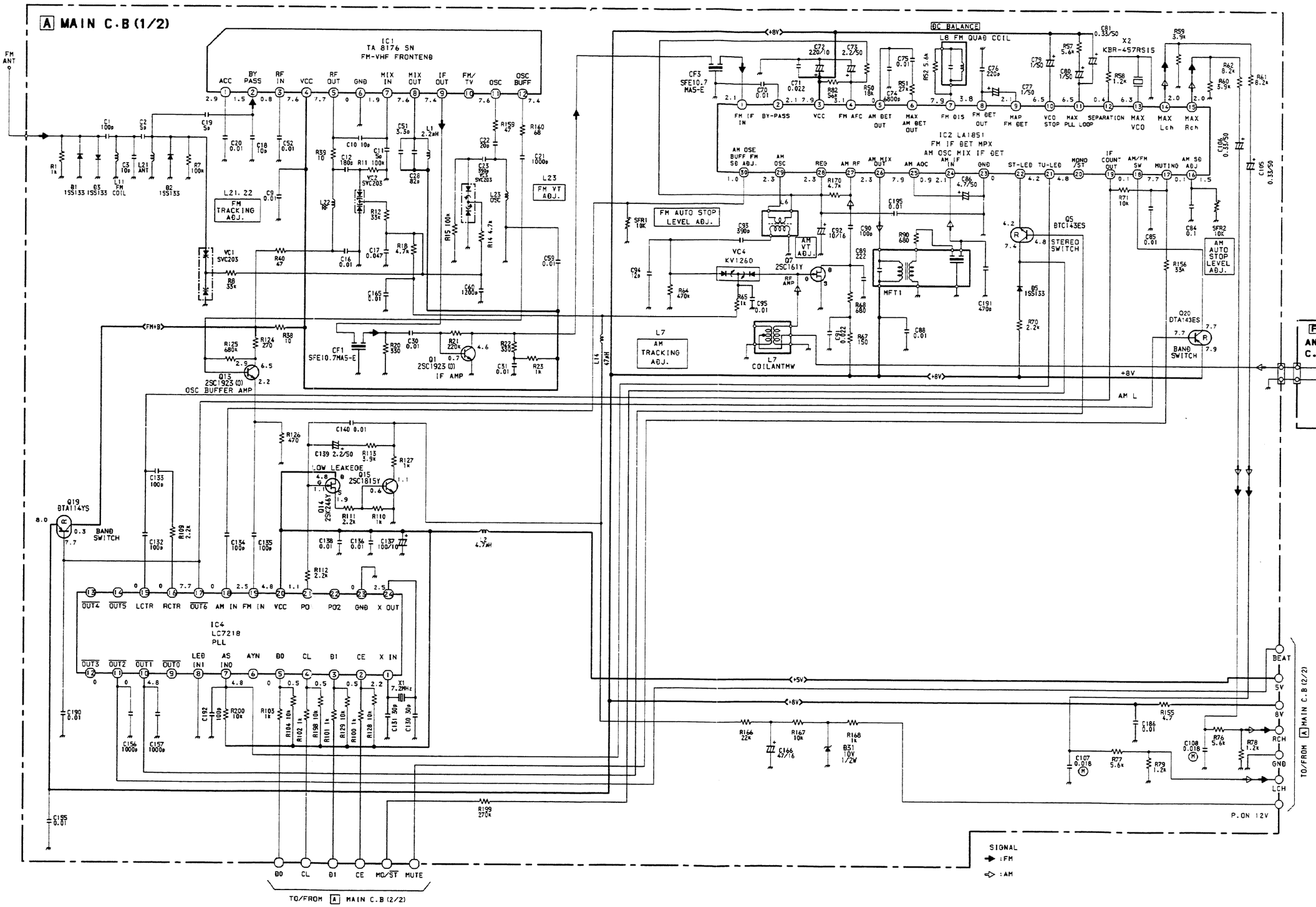



FROM C FRONT C.B
CON702
TO CON653
FROM C FRONT C.B
CON701
TO CON652
F ANT C.B
FM ANT
(BLK)
(BLU)
(BLU)
AM LOOP
J604
J603
R
AUX
L
AC120V 60Hz
G AC C.B
PT651
(WHT)
(BLK)
(RED)
(RED)
J602
SPEAKER
(RED)
(RED)
CON651
R662
F651
H FUSE C.B
DC JACK
DC IN 12V
J651
A MAIN C.B
EH
RPH
(BLK)
(RED)
(WHT)
SB01 (PLAY)
SB02 (MOTOR)
(GRY)
(RED)
(BLK)
(WHT)
(RED)
(YEL)
(WHT)
(BLK)
CON801
M801 (DECK MOTOR)
TO CN801
J601
PHONES

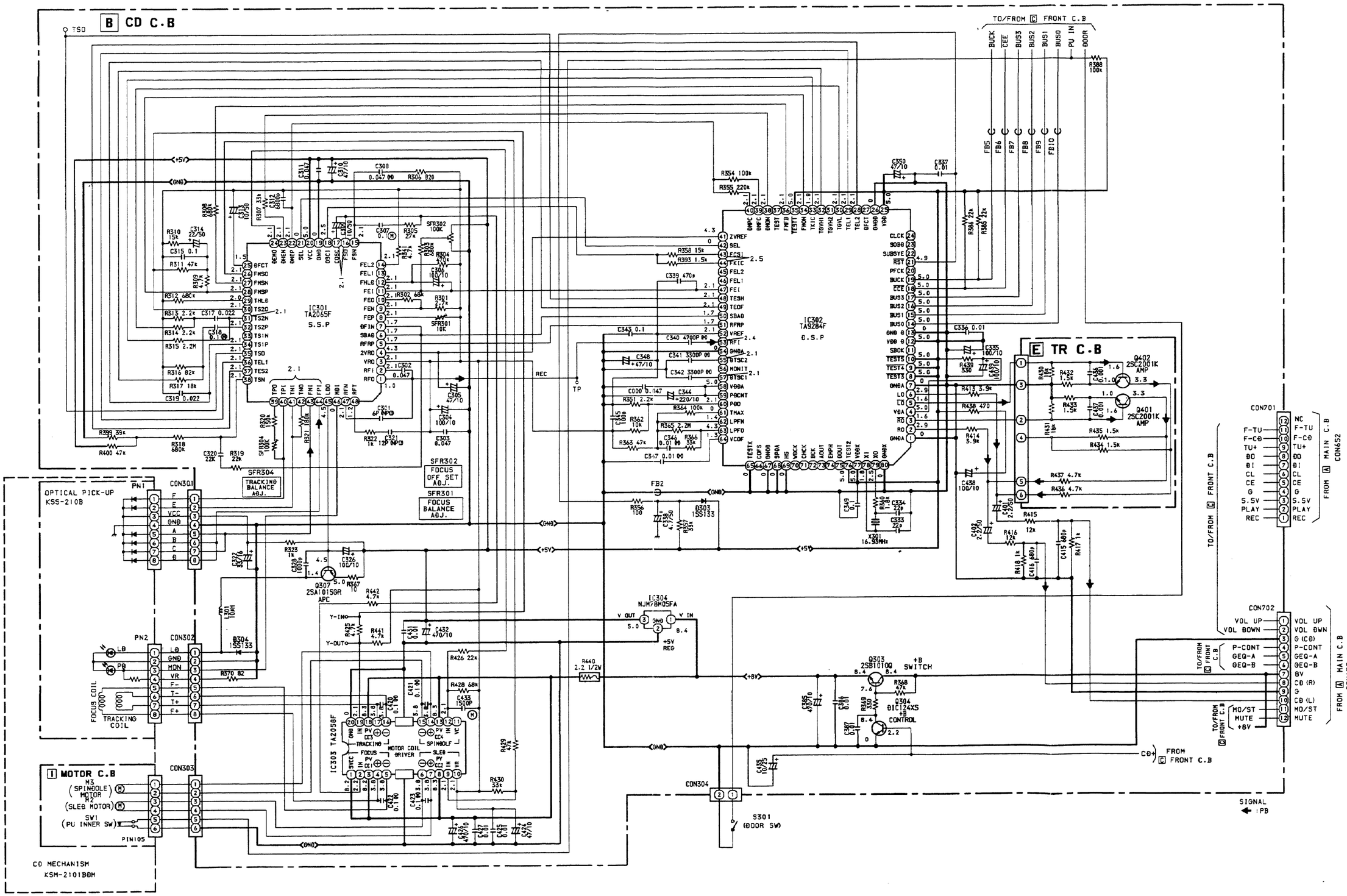
SCHEMATIC DIAGRAM-6 (MAIN: U)



SCHEMATIC DIAGRAM-7 (TUNER: U)



SCHEMATIC DIAGRAM-8 (CD: U)



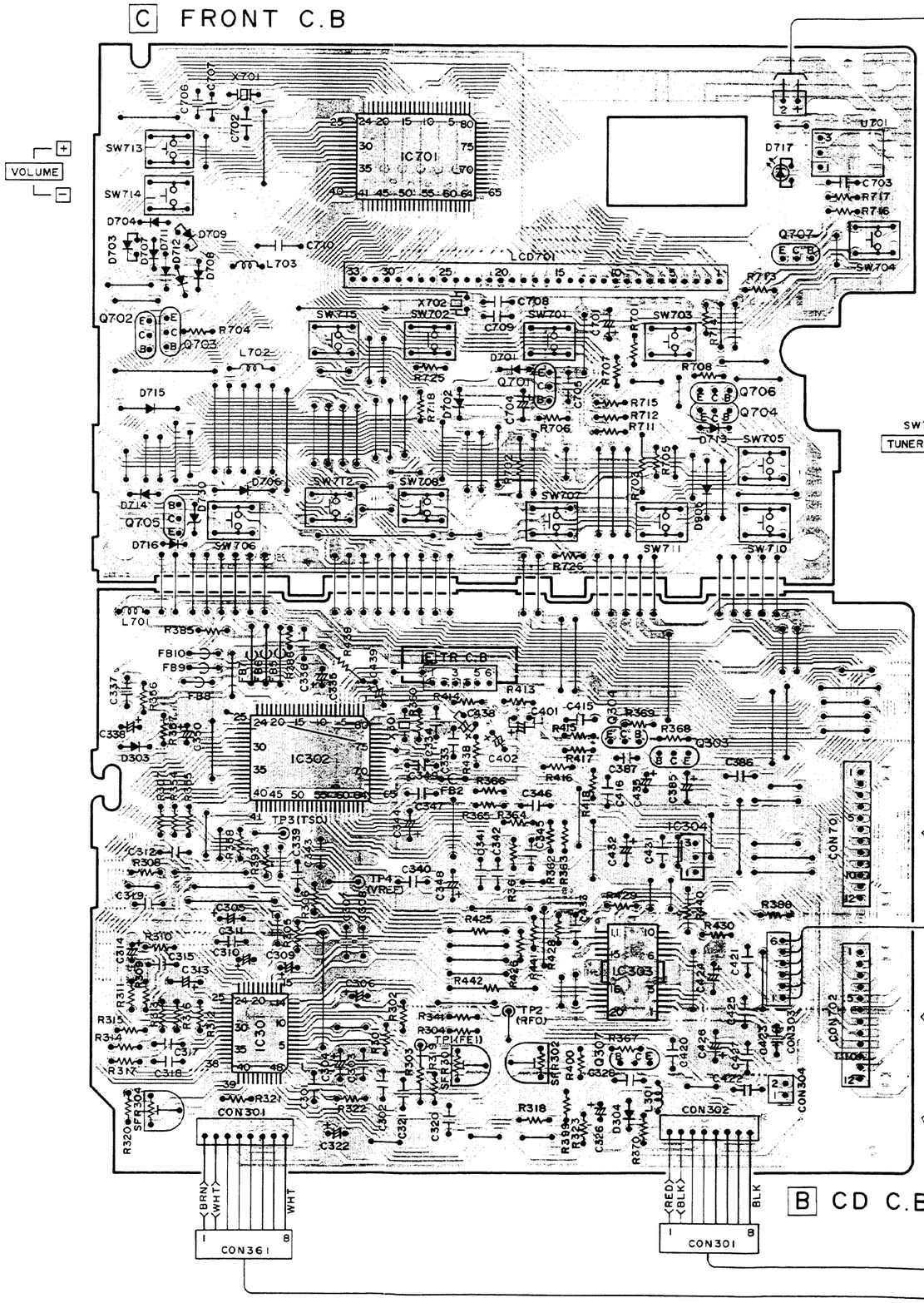
C FRONT C.B

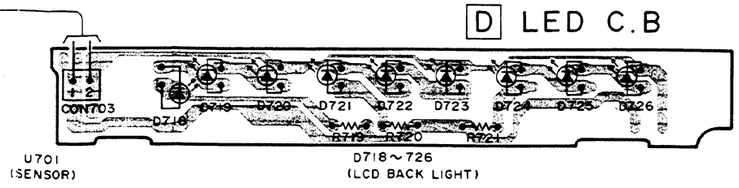
D LED C.B

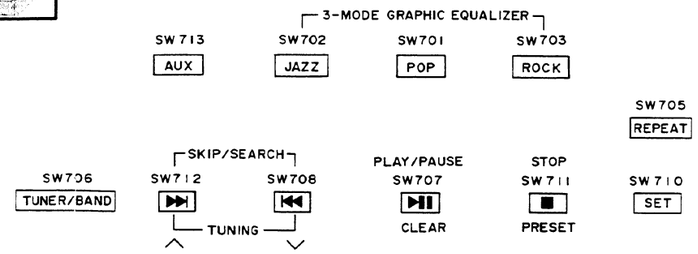
E TR C.B

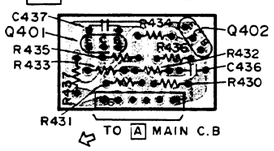
I MOTOR C.B

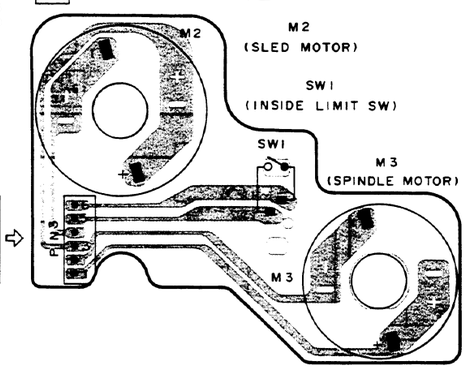
B CD C.B

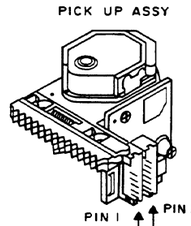






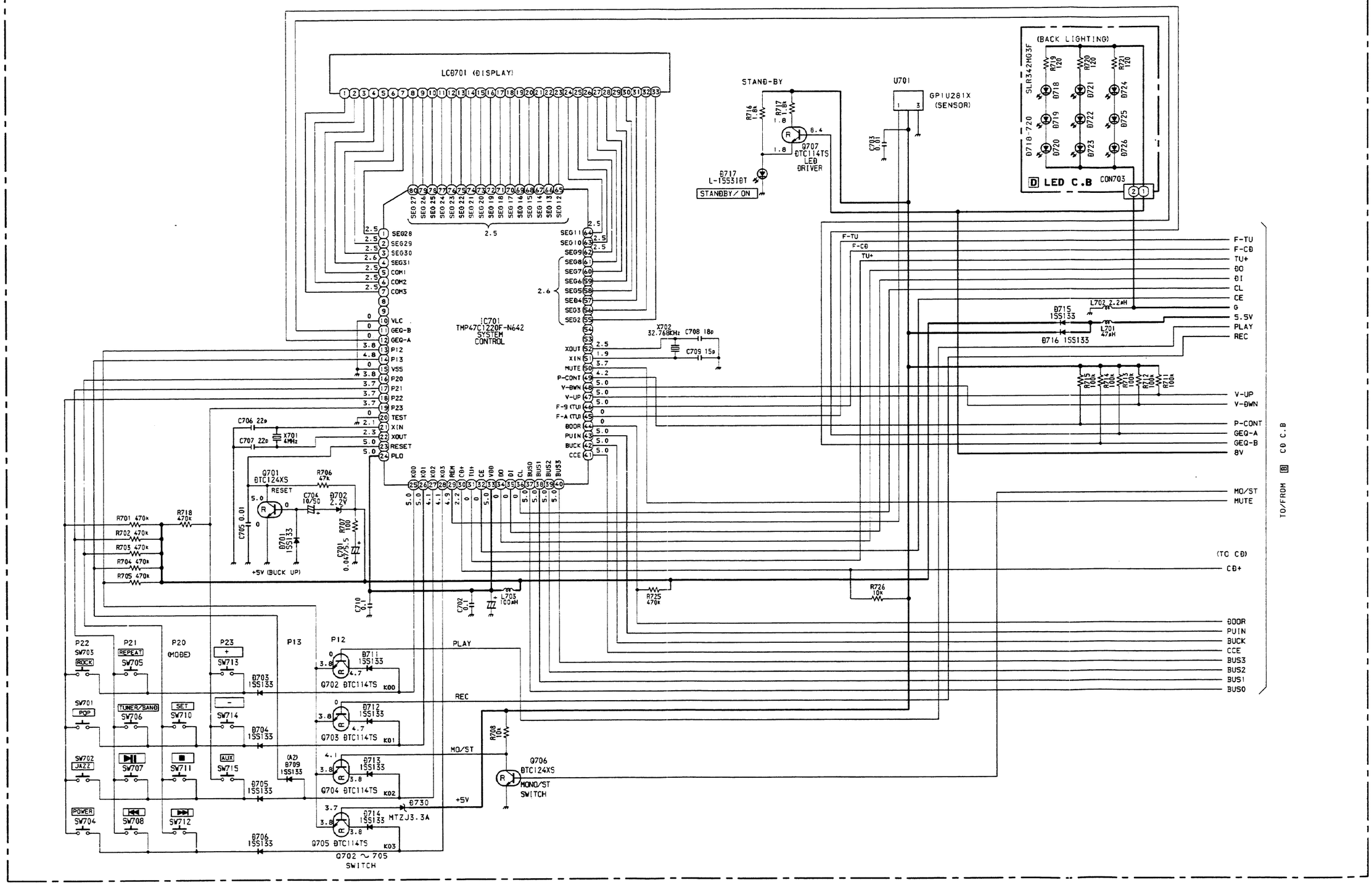




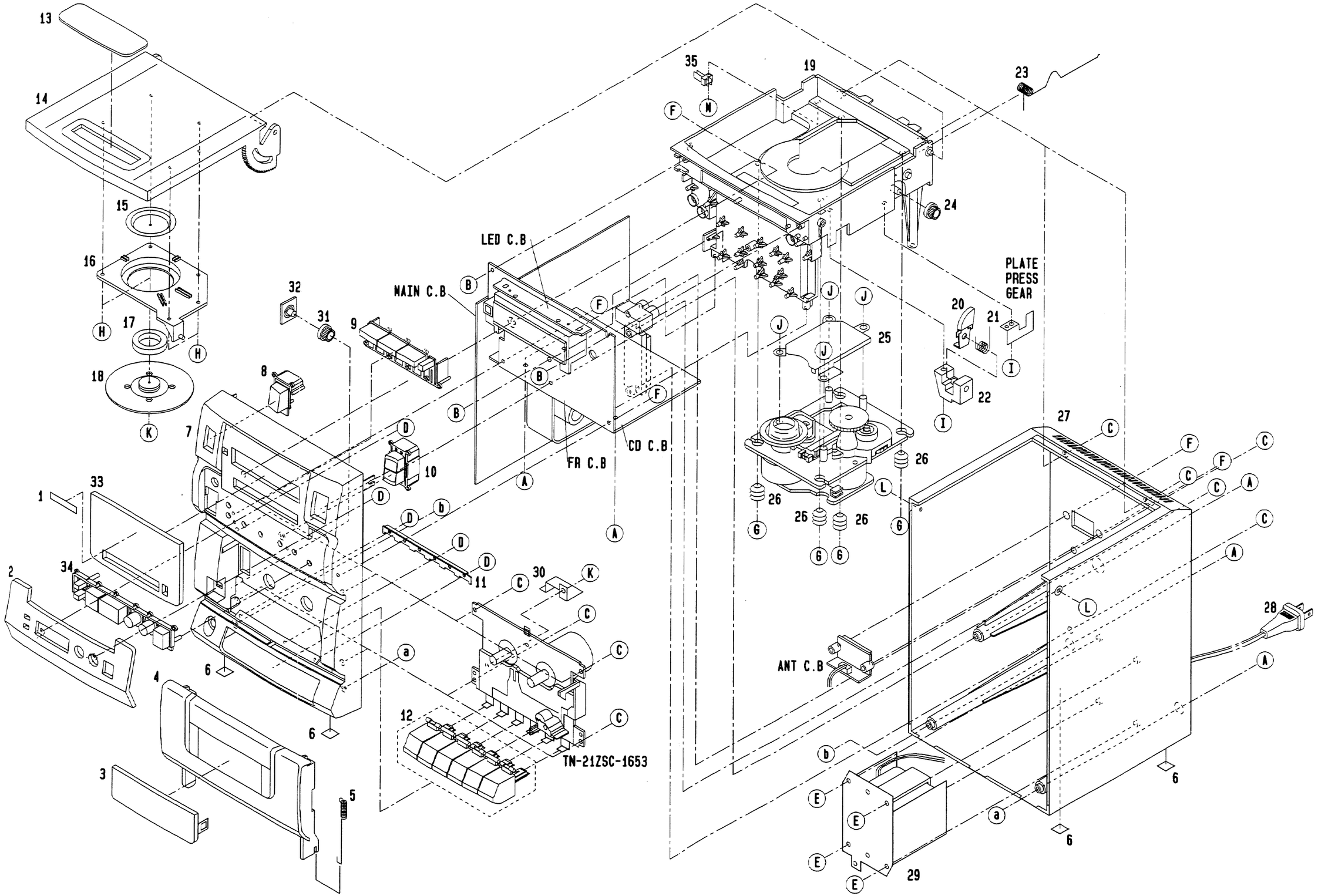


SCHEMATIC DIAGRAM-9 (FRONT: U)

C FRONT C.B



MECHANICAL EXPLODED VIEW 1 / 1

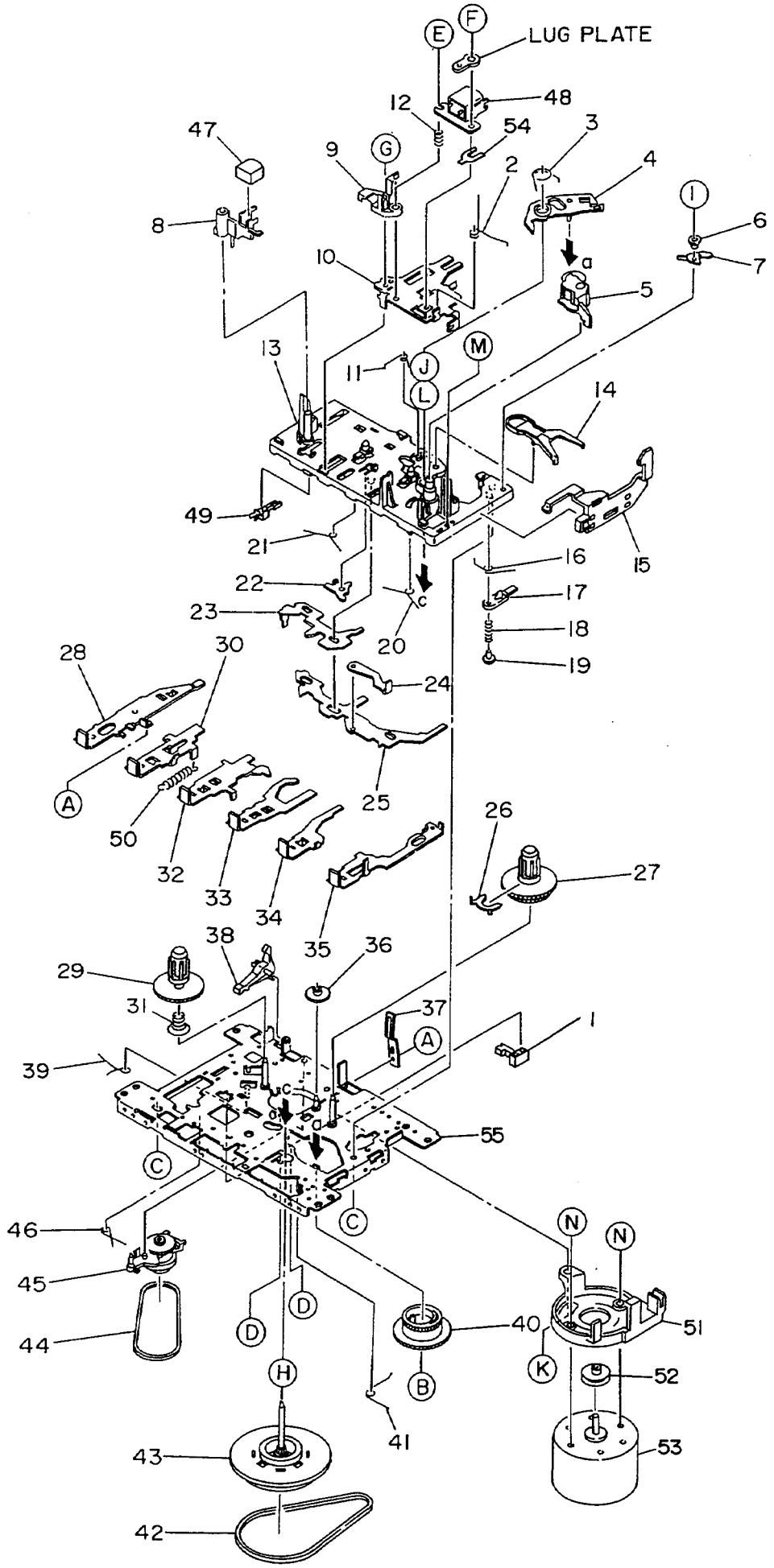


MECHANICAL PARTS LIST 1 ／ 1

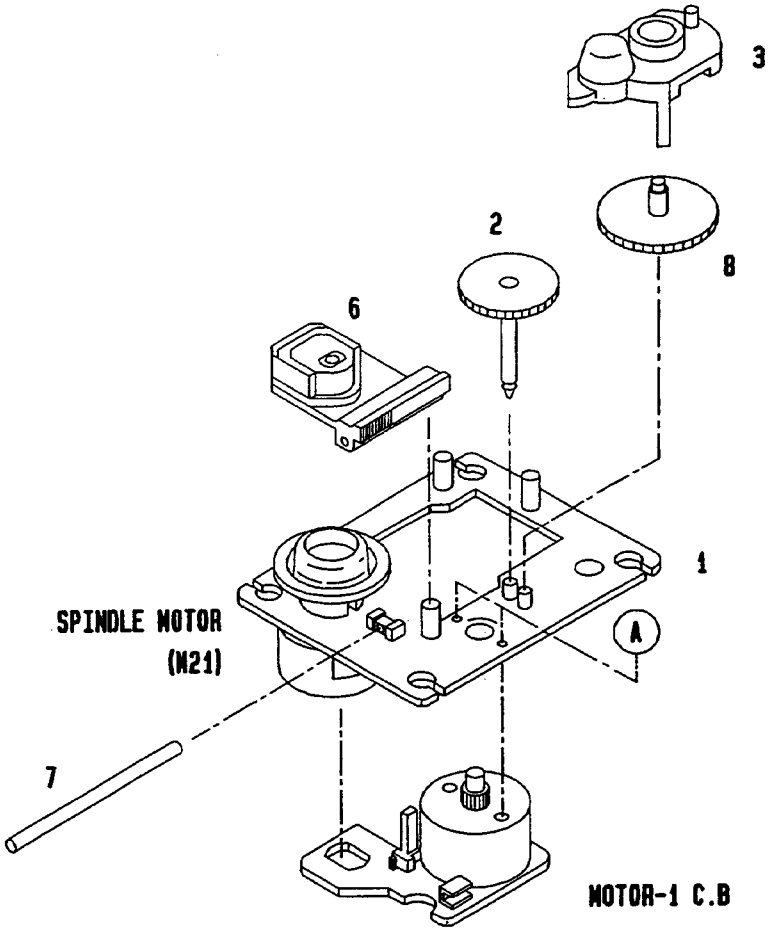
DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	S1-023-360-101		BADGE AIWA
2	S1-033-440-101		PANEL,FRONT
3	S1-033-430-101		CASS WINDOW
4	S1-033-400-101		DOOR,CASS
5	S2-010-930-101		SPR,DOOR CASS
6	S1-033-620-101		FOOT,RUBBER
7	S1-033-370-101		CAB,FRONT
8	S1-033-500-101		BTN,POWER
9	S1-033-490-101		BTN,EQ
10	S1-033-510-101		BTN,VOL
11	S2-010-890-101		HLDR,KEY CASS
12	S1-033-480-101		KEY CASS ASSY
13	S1-033-580-101		CD,WINDOW
14	S1-033-420-101		DOOR,CD
15	S2-009-650-202		MAGNET PLATE
16	S1-033-570-101		BRKT,DOOR CD
17	S2-005-131-000		MAGNET CD DOOR
18	S1-016-882-000		COVER,MAGNET(BLK)
19	S1-033-410-101		CHAS,CD
20	S1-027-430-103		LOCKER DOOR CD(D-GRY)
21	S2-009-210-101		SPR,LOCKER
22	S1-027-420-102		HOLDER LOCKER(D-GRY)
23	S2-010-920-101		SPR,DOOR CD
24	S1-033-630-101		GEAR DAMPER CD<U>
24	S1-033-630-201		GEAR DAMPER CD(B)<EXCEPT U>
25	S2-010-860-102		COVER,CD<U,K,EEZ>
25	S2-010-860-103		COVER,CD<LH,EZ,HE,HR>
26	S3-004-152-000		CUSHON CD
27	S1-033-380-101		CAB,REAR
⚠ 28	S1-400-151-000		CORD POWER AC<EXCEPT U>
⚠ 28	S1-400-471-000		CORD,POWER AC<U>
⚠ 29	S9-030-110-000		PT,EI-57(EKZ)<K,EEZ,EZ>
⚠ 29	S9-030-310-000		PT,EI-57(H)<LH,HE,HR>
⚠ 29	S9-029-810-000		PT,UL(U)<U>
30	S2-010-900-101		RECORD LEVER
31	S1-030-850-101		GEAR,DAMPER
32	S1-030-860-101		BRACKET,DAMPER
33	S1-033-390-101		DISPLAY WINDOW
34	S1-033-520-101		BTN,CD
35	S8-013-410-000		SW,LEAF<U>
35	87-036-147-010		SW,LEAF LSA-1120Y<EXCEPT U>
A	87-751-102-410		PH-TS 3-L20MM
B	87-268-095-010		BH/MS 3-L8MM<U>
B	87-751-095-410		BH/TS 3-L8MM<EXCEPT U>
C	87-751-096-410		PH/TS 3-L10MM
D	87-751-074-410		PH/TA 2.6-L8MM
E	87-761-097-410		WPT/TA 3-12MM
F	87-751-096-010		BH/TS 3-L10MM
G	SC-D00-040-100		CD SCREW DIA 2.6-L17MM
H	87-723-073-410		KH/TS 2.6-L6MM
I	87-751-094-410		BH/TS 3-L6MM
J	87-343-034-010		PH/TS 2-L5MM
K	87-251-035-410		SCREW U+2-6
L	87-721-095-410		KH/TS 3-L8MM
M	87-357-036-010		PH/TS 2-L7MM

TAPE MECHANISM EXPLODED VIEW 1 / 1



CD MECHANISM EXPLODED VIEW 1 ／ 1



CD MECHANISM PARTS LIST 1 ／ 1

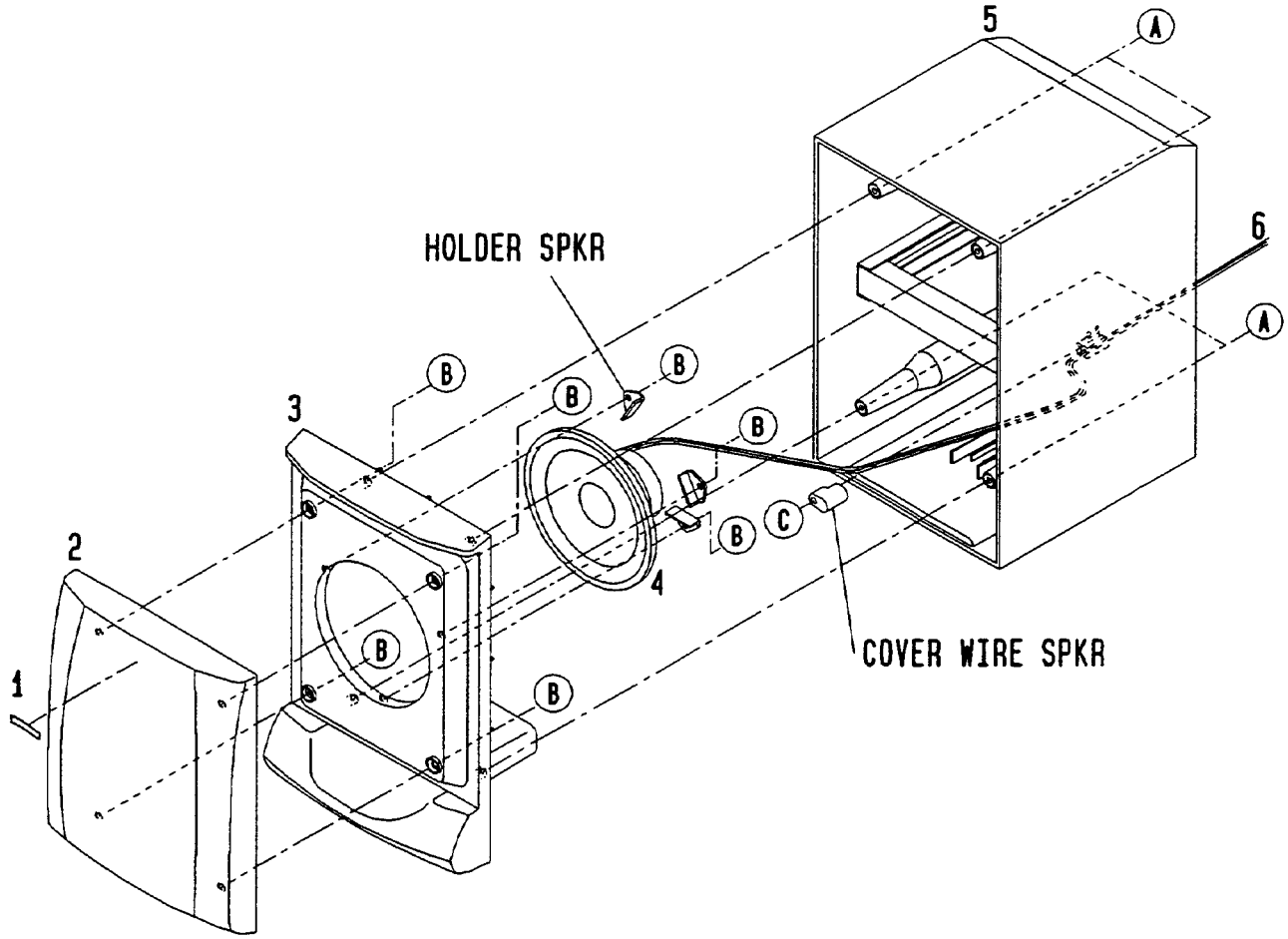
DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	9X-262-587-010		MOTOR CHASSIS ASSY
2	92-625-188-020		GEAR(A)
3	92-625-544-010		COVER
6	98-848-137-210		OPTICAL PICK UP KSS-210B
7	92-626-908-010		SHAFT SLED
8	92-626-081-010		GEAR B
A	87-261-032-210		V+2-3

TAPE MECHANISM PARTS LIST 1 / 1

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	S6-401-011-610		LEAF SW MSW-17820MVEI
2	S1-921-030-090		PANEL P SPRING
3	S1-921-260-050		GEAR PLATE SPRING
4	S1-921-265-020		GEAR PLATE ASSY
5	S1-921-043-090		PINCH ROLLER ARM ASY
6	S1-921-140-370		P ARM COLLER
7	S1-921-140-340		P ARM
8	S1-921-030-050		MG ARM
9	S1-921-030-4A0		HEAD BASE
10	S1-921-030-110		HEAD PANEL
11	S1-921-141-8A0		M CONTROL SPRING
12	S1-821-030-070		AZIMUTH SPRING
13	S1-921-143-010		BASE ASSY
14	S1-921-260-4A0		SENSING LEVER
15	S1-921-130-020		EJECT SLIDE LEVER
16	S1-921-141-3A0		P CONTROL SPRING
17	S1-921-140-550		PAUSE LEVER(E)
18	S1-921-140-120		PAUSE LEVER SPRING
19	S1-921-140-110		PAUSE STOPPER
20	S1-921-140-150		BUTTON LEVER SPRING(B)
21	S1-921-140-140		BUTTON LEVER SPRING(A)
22	S1-921-140-200		PR STOPPER
23	S1-921-140-090		SWITCH ACTUATOR
24	S1-821-011-590		E KICK LEVER
25	S1-921-140-080		PUSH BUTTON ACTUATOR
26	S1-921-050-060		SENSER
27	S1-921-053-030		TAKE UP REEL ASSY
28	S1-921-140-220		REC BUTTON LEVER
29	S1-921-053-040		SUPPLY REEL ASSY
30	S1-921-140-230		PLAY BUTTON LEVER
31	S1-821-100-990		BACK TENSION SPRING
32	S1-921-140-240		REW BUTTON LEVER
33	S1-921-140-250		FF BUTTON LEVER
34	S1-921-140-260		STOP BUTTON LEVER
35	S1-921-140-610		PAUSE BUTTON LEVER
36	S1-821-100-700		FF GEAR
37	S1-829-100-010		PACK SPRING
38	S1-821-100-690		RECORD SAFETY LEVER
39	S1-921-140-210		REC BUTTON LEVER SPRING
40	S1-921-260-020		CAM GEAR
41	S1-921-140-160		E ACTUATOR SPRING
42	S1-921-090-040		MAIN BBELT
43	S1-921-093-030		FLYWHEEL ASSY
44	S1-921-070-030		RF BELT
45	S1-921-073-080		RF CLUTCH ASSY
46	S1-921-140-170		P.S.LEVER SPRING
47	S6-209-100-100		E HEAD PH-K380-MS1
48	S6-201-011-110		HEAD,RP7442ES-0951
49	S6-401-011-490		LEAF SW MSW-1541T
50	S1-821-010-500		PLAY BUTTON LEVER SPRING
51	S1-821-128-9A0		MOTOR BRACKET
52	S1-921-120-010		MOTOR PULLEY
53	S6-002-030-220		MOTOR EG530AD-2B
54	S9-539-000-000		Y WASHER B.S 0.2T
55	S1-921-015-010		CHASSIS ASSY
A	S9-179-000-000		C TAP SCREW M2-3
B	S9-422-000-000		P WASHER CUT 12-3.8-0.3
C	S9-679-000-000		P TAP SCREW M2-5
D	S9-999-180-090		TAP SCREW M2-4.5
E	S9-922-000-000		AZIMUTH SCREW M2-8
F	S9-115-000-000		+ BIND SCREW M2-3
G	S9-004-000-000		SCREW M2-6
H	S9-882-000-000		P WASHER 2-3.5-0.4
I	S9-999-200-410		P TAP SCREW M2-3
J	S9-999-030-130		P WASHER CUT 1.45-3.8-0.
K	S1-921-120-030		MB SCREW
L	S9-999-000-030		P WASHER2.1-4-0.13
M	S9-P05-200-610		S TAPPING SCREWM2-6
N	S1-921-120-020		MOTOR COLLER SCREW

SPEAKER EXPLODED VIEW 1 ／ 1



SPEAKER PARTS LIST 1 ／ 1

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If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	S1-023-360-101		BADGE AIWA
2	S1-033-470-101		FRAME NET SPKR
3	S1-033-450-101		CAB,FRONT SPKR
4	S1-700-631-000		SPKR(B)LCX100
5	S1-033-460-101		CAB,REAR SPKR
6	S1-1B1-764-L00		WIRE,SPKR
A	87-751-102-410		PH-TS 3-L20MM
B	87-268-095-010		BH-MS 3-L8MM<U>
B	87-751-095-410		BH-TS 3-L8MM<EXCEPT U>
C	87-751-096-410		PH/TS 3-L10MM

■ ACCESSORIES ／ PACKAGE LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	S4-401-451-000		INSTRUC,BOOK(HEJ/HRJ)<LH,HE,HR>
1	S4-401-471-000		INSTRUC,BOOK(K/E)<K,EEZ,EZ>
1	S4-401-441-000		INSTRUC,BOOK(U)<U>
2	SA-N00-373-000		ANT,LOOP AM
3	SR-C10-0D0-000		RC,RC-LCX100D<U>
3	SR-C10-0EX-000		RC,RC-LCX100EX<EXCEPT U>

REFERENCE NAME LIST

ELECTRICAL SECTION

DESCRIPTION	REFERENCE NAME
ANT	ANTENNAS
C-	CHIP
C-CAP	CAP, CHIP
C-CAP TN	CAP, CHIP TANTALUM
C-COIL	COIL, CHIP
C-DI	DIODE, CHIP
C-DIODE	DIODE, CHIP
C-FET	FET, CHIP
C-FOTR	FILTER, CHIP
C-JACK	JACK, CHIP
C-LED	LED, CHIP
C-RES	RES, CHIP
C-SFR	SFR, CHIP
C-SLIDE SW	SLIDE SWITCH, CHIP
C-SW	SWITCH, CHIP
C-TR	TRANSISTOR, CHIP
C-VR	VOLUME, CHIP
C-ZENER	ZENER, CHIP
CAP, CER	CAP, CERA-SOL
CAP, E	CAP, ELECT
CAP, M/F	CAP, FILM
CAP, TC	CAP, CERA-SOL
CAP, TC-U	CAP, CERA-SOL SS
CAP, TN	CAP, TANTALUM
CERA FIL	FILTER, CERAMIC
CF	FILTER, CERAMIC
DL	DELAY LINE
E/CAP	CAP, ELECT
FILT	FILTER
FLTR	FILTER
FUSE RES	RES, FUSE
MOT	MOTOR
P-DIODE	PHOTO DIODE
P-SNSR	PHOTO SENSER
P-TR	PHOTO TRANSISTOR
POLY VARI	VARIABLE CAPACITOR
PPCAP	CAP, PP
PT	POWER TRANSFORMER
PTR, RES	PTR, MELF
RC	REMOTE CONTROLLER
RES NF	RES, NON-FLAMMABLE
RESO	RESONATOR
SHLD	SHIELD
SOL	SOLENOID
SPKR	SPEAKER
SW, LVR	SWITCH, LEVER
SW, RTRY	SWITCH, ROTARY
SW, SL	SWITCH, SLIDE
TC CAP	CAP, CERA-SOL
THMS	THERMISTOR
TR	TRANSISTOR
TRIMMER	CAP, TRIMMER
TUN-CAP	VARIABLE CAPACITOR
VIB, CER	RESONATOR, CERAMIC
VIB, XTAL	RESONATOR, CRYSTAL
VR	VOLUME
ZENER	DIODE, ZENER
サージサプレッサ	SERGESUPPRESSOR
セラコン	CAP,CERA

サービス技術ニュース	
番 号	連絡内容
G－ －	
G－ －	
G－ －	

MECHANICAL SECTION

DESCRIPTION	REFERENCE NAME
ADHESHIVE	SHEET ADHESHIVE
AZ	AZIMUTH
BAR-ANT	BAR-ANTENNA
BAT	BATTERY
BATT	BATTERY
BRG	BEARING
BTN	BUTTON
CAB	CABINET
CASS	CASSETTE
CHAS	CHASSIS
CLR	COLLAR
CONT	CONTROL
CRSR	CURSOR
CU	CUSHION
CUSH	CUSHION
DIR	DIRECTION
DUBB	DUBBING
FL	FRONT LOADING
FLY-WHL	FLYWHEEL
FR	FRONT
FUN	FUNCTION
G-CU	G-CUSHION
HDL	HANDOL
HIMERON	CLOTH
HINGE, BAT	HINGE, BATTERY
HLDR	HOLDER
HT-SINK	HEAT SINK
IB	INSTRUCTION BOOKLET
IDLE	IDLER
IND, L-R	INDICATOR, L-R
KEY, CONT	KEY, CONTROL
KEY, PRGM	KEY, PROGRAM
KNOB, SL	KNOB, SLIDE
LBL	LABEL
LID, BATT	LID, BATTERY
LID, CASS	LID, CASSETTE
LVR	LEVER
P-SP	P-SPRING
PANEL, CONT	PANEL, CONTROL
PANEL, FR	PANEL, FRONT
PRGM	PROGRAM
PULLY, LOAD MO	PULLY, LOAD MOTOR
RBN	RIBBON
S-	SPECIAL
SEG	SEGMENT
SH	SHEET
SHLD-SH	SHIELD-SHEET
SL	SLIDE
SP	SPRING
SP-SCREW	SPECIAL-SCREW
SPACER, BAT	SPACER, BATTERY
SPR	SPRING
SPR-P	P-SPRING
SPR-PC-PUSH	P-SPRING, C-PUSH
T-SP	T-SPRING
TERM	TERMINAL
TRIG	TRIGGER
TUN	TUNING
VOL	VOLUME
W	WASHER
WHL	WHEEL
WORM-WHL	WORM-WHEEL
ジグアーム	ARM,SHAFT
ジグガイド	GUIDE,SHAFT
ストラップ	STRAP
トクナベ	S-SCREW
ヒンジ	HINGE
ヒンジビス	S-SCREW
ビスセレート	SCREW,SERRART

アイワ株式会社
AIWA CO.,LTD.

931261

Tokyo Japan

〒110 東京都台東区池之端 1－2－11 ☎ 03 (3827) 3111 （代表）

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